MIST and DRUGGIST FEBRUARY 6, 1943

The
HEMIST AND DRUGGIST
r RETAILER - WHOLESALER - MANUFACTURER

hed 1859 28 Essex Street, Strand, London, W.C.2 Registered as a Newspaper

2 8 7
XXIX FEBRUARY 6, 1943 Annual Subscription (with Diary) 25/-. Single Copies 9d.

AFTER INFLUENZA

Bynin
TRADE MARK

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IS AN EMINENTLY
SUCCESSFUL
RESTORATIVE TONIC

Allen & Hanburys Ltd.
LONDON · E · 2

PHONE: BISHOPSGATE 3201 (12 LINES). WIRES: "GREENBURYS, BETH, LONDON"

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Our Output of

Euthymol
TOOTH PASTE

is strictly controlled

Consequently:

The present abnormally increased demand for this line (far in excess of our controlled output) compels us, in turn, to ration supplies to the trade.

• • •

We are endeavouring to distribute our limited production as fairly as possible, taking into account any fluctuations in population, or local variations in purchasing power of the public.

• • •

We believe that, so far, every pharmacist buying Euthymol Tooth Paste direct from us has received at least as much as he did in 1939.

Parke, Davis & Company, 50 Beak St., London, W.
Inc. U.S.A. Liability Lt

Show 'Elasto'—It Sells on Sight!

It's advertised as a Chemist's Line

ONE SHILLING AND SIXPENCE PROFIT ON EVERY SALE

'ELASTO' Advertising is Nation-wide and Consistent. An ever-increasing demand for this product is being created at your very door; a slight effort on your part will bring this new and profitable business to your counter. An 'Elasto' showcard displayed in your window will bring most gratifying results. You can recommend 'Elasto' with confidence for: Varicose Veins, Bad Leg, Piles, Heart Troubles, Rheumatism, Bad Circulation, etc. A Quick Relief Remedy easy to handle and reliable.

NEW REDUCED PRICES: P.A.T.A.

Retail Price 5/- per pkt. * Including purchase tax.

Wholesale 42/- per doz. * Including purchase tax.

A FEW SHOW CARDS STILL AVAILABLE

The NEW ERA TREATMENT CO. LTD.

DEPT. R

CECIL HOUSE, HOLBORN VIADUCT, LONDON, E.C.1

M.O.F A Doctor writes:

..During recent years medical scientists have placed increasing emphasis on the importance of diet as a factor in the well-being of the individual While this principle is capable of general application to the community as a whole, it applies with special force to the expectant and nursing mother and her dietetic requirements have specially attracted the thought of research workers and dietitians.

The makers of M.O.F. have made a careful study of the results of these researches, and the manufacture of this food has been so designed as to incorporate many of the elements that modern science has discovered in regard to the vital needs of the pregnant woman and her child.

One of the chief aims in antenatal supervision and care is to maintain the patient's health at as high a level as possible. In this policy nothing is more important than a food such as M.O.F. . . such a foodstuff can be recommended with every confidence, not only as palatable and easily digestible, but, what is more important, as one which will guard the expectant mother against many of the disorders of pregnancy and lactation and help to ensure the birth of a healthy baby...

Signed . . . . . M.D.. F.R.C.S.E.

RETAIL PRICE
1/9
per 1-lb. tin

SCOTTS
MOF
MIDLOTHIAN OAT FOOD

The Certificate of the Royal Institute of Public Health and Hygiene has been awarded in respect of M.O.F.

FOR EXPECTANT AND NURSING MOTH
WEANING INFANTS AND INVAL

Specially processed from the fines
Scottish Groats by **A. & R. SCOTT LTD.**

COLINTON, MIDLOTHIAN, SCOTLAN

More farmers will be asking for

EVANS *lamb dysentery* SERUM

at the new reduced prices

the request of the Ministry of Agriculture, Evans Vaccine and Serum the treatment of Lamb Dysentery are now available at specially uced prices.

ny farmers and stockbreeders already appreciate from practical experience effectiveness of these products and the reduction in prices, coupled with ng and consistent publicity in the farming press, are sure to create an eased demand.

is is extra turnover put into your hands. Be prepared by placing r order for supplies now.

EVANS LAMB DYSENTERY SERUM

noculation of lambs as soon as possible birth. Dosage 5 c.c.

	Retail	*Wholesale*
ainers of 50 c.c.	7/9	62/-
ainers of 100 c.c.	13/4	106/8

ANS LAMB DYSENTERY OLE CULTURE VACCINE

noculation of previously injected ewes days before lambing. Dosage 5 c.c.

	Retail	*Wholesale*
ainers of 50 c.c.	3/9	30/-
ainers of 250 c.c.	13/4	106/8

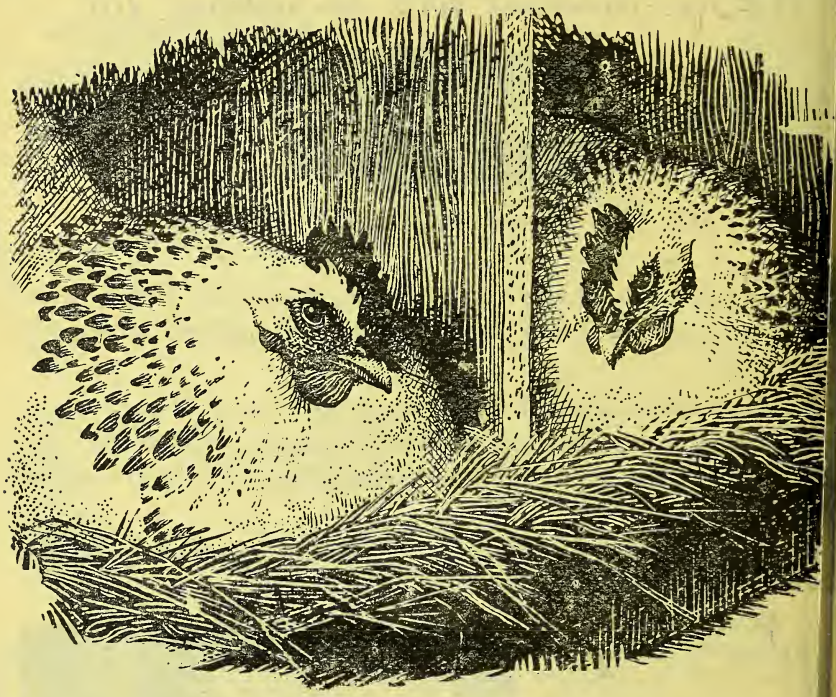
ompt or forward deliveries an be given to all orders.

ETERINARY EVANS PRODUCTS

Made at **THE EVANS BIOLOGICAL INSTITUTE** *by*

EVANS SONS LESCHER & WEBB LTD. ★

HEALTHY BIRDS LAY MORE EGGS



Birds conditioned with StockSense Concentrate maintain higher egg averages the whole year round. Here are the results of a 12 months' test made by Mr. Alex McDougle, of Broughton, well-known breeder of pedigree stock:

CONTROL PEN	STOCKSENSE PEN
3470 eggs	4251 eggs

StockSense is a non-forcing preparation which achieves its results by promoting better health and condition in the birds. Amongst its constituents are blood-forming (haematopoetic) elements which are lacking in normal poultry ra ns but which are essential to h th and high egg production. he formula also includes Vitami D in which most rations are defi nt. Another big selling point i its economy: *one level teaspoon is enough for six birds.*

Retail prices: packets 7½d. and 1/6; drum

STOCKSENS

makes healthy bi ds

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NEW SACCHARIN POCKETS

Conforming to the new Order

IMMEDIATE DELIVERY

ALF. HARRISON & SONS, LTD.

Chemists' Printers

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The Natural Calcium Compound

'Calfos,' which is derived from natural sources, supplies calcium and phosphorus in a palatable, concentrated form which ensures absorption in the correct physiological ratio.

Widely advertised to the medical profession

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	Face Price Exclusive of Tax	*TRADE PRICE per dozen*	*Purchase Tax per dozen*	*Minimum Retail Price including Pur. Tax*
Box of 50 tablets	**2/6**	**20/-**	**3/4**	**2/9½**
Box of 120 tablets	**4/9**	**38/-**	**6/4**	**5/3½**

Special terms are available for hospital packs

DISPLAY CARD ON REQUEST

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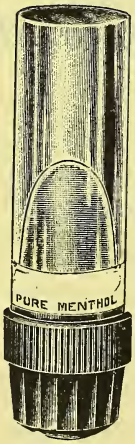

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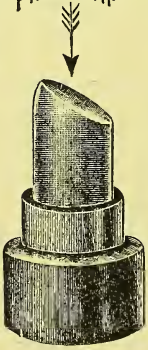

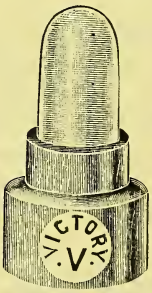

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The "KRISTAL"

256	257	258	258B
6/9	7/9	8/9	9/9 doz.

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8/6	9/3	10/3	11/3 doz.

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Available for Immediate Delivery

Chemists will be glad to hear that we can offer immediate delivery of limited reasonable quantities of Pilenta Toilet Soap.

This de luxe Soap has always held a high place in the regard of the discriminating.

Full 3-oz. Tablets, **1/3½d.** retail, including purchase tax. Wholesale, 10/- per dozen, plus **3/6** tax.

It would be wise not to delay in placing your order.

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USE EUPAX PAR SEALS

Once broken cannot be re-sealed
Strong paper—super-strong gum

Write for samples
Wm. SESSIONS, Ltd., The Ebor Press, YORK

USED

TEA CHESTS, CARTON WOOD BOXES GUM TAPE

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De Luxe. Retail 1/9. 14/10 per gross carriage paid. Packed in units of 6 dozen and 1 gross

TWO NEW PACKS . . . **"MARIE" SANITARY TOWELS**

"MATTERBY'S" MATERNITY PADS Retail 2/9. 25/6 doz.

SPECIAL QUANTITY TERMS ON APPLICATION. Cash with Order. Carriage paid

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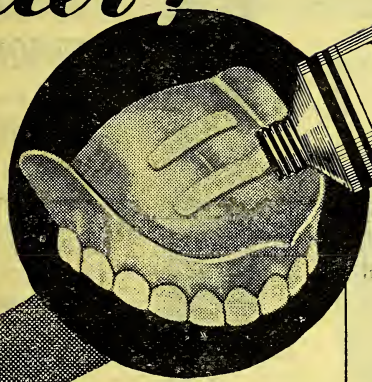
PLANE STREET MILLS, OLDHAM, LANCS.

DENTURE FIXATIVE IN CREAM FORM

New—Different—Better!



1 *Holds dentures* **FIRMLY** *in place*

2 *Prevents sore, tender gums*

3 *Stops food getting under plates*

NOT SUBJECT to LIMITATION OF SUPPLIES ORDER

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REGD. TRADE MARK

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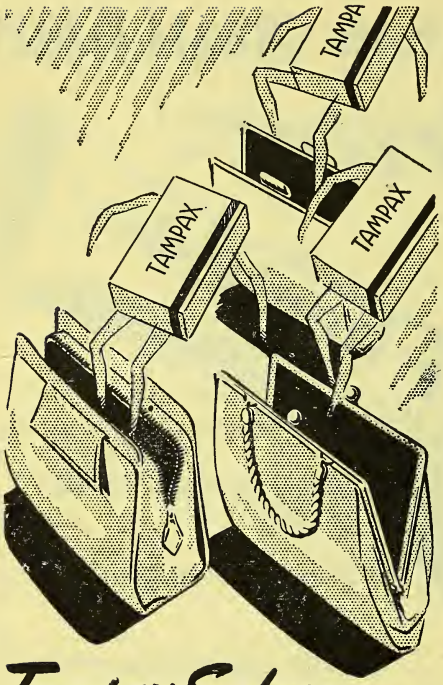
Sole Distributors : DON S. MOMAND LTD., 10-15, CHITTY ST., LONDON, W.1



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" " 10. " 15/9 " " 1/9 "

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CLINICAL REGD
The position of the Mercury column is at one perfectly plain. Red markings above 90.

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Our Chemist Customers share in this Control by serving the public with the finest protectives "SELKA"

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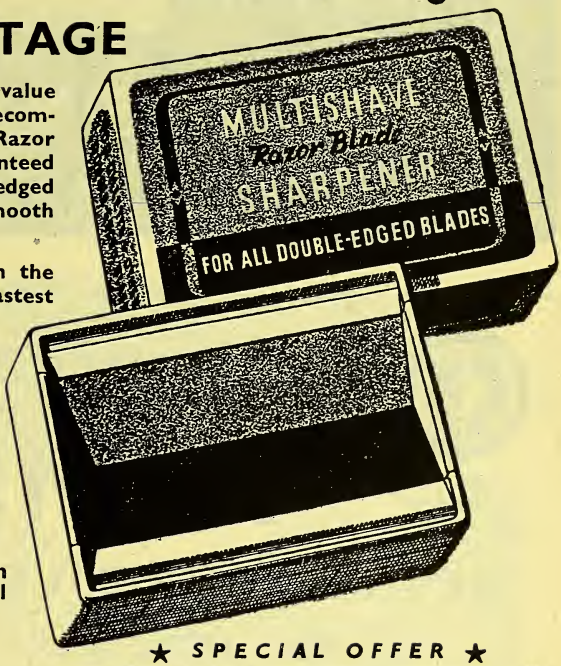
There are no glass parts to the Multishave—no fear of breakage or accidents. It is ideal for travellers, particularly men in the Forces, and is a thoughtful gift.



Your customers must shave. If you are short of blades, sell Multishaves. You make fourpence-halfpenny profit on each Multishave outfit. Retail price 1/6, including purchase tax. Trade price 8/- per dozen, plus 5¼ purchase tax. Packed three dozen to a carton, complete with smart showcard.

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YOU GET FREE OF CHARGE

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Manufacturing Chemists

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T.R. 111

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No. 19

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An ancient Celtic remedy for Baldness advises—

"Let calcine a Raven, his ashes boil in sheep's suet, and rub to the head, it cures."

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THE BEST MEDICATED TABLET FOR COUGHS, COLDS, ASTHMA, BRONCHITIS, ETC.

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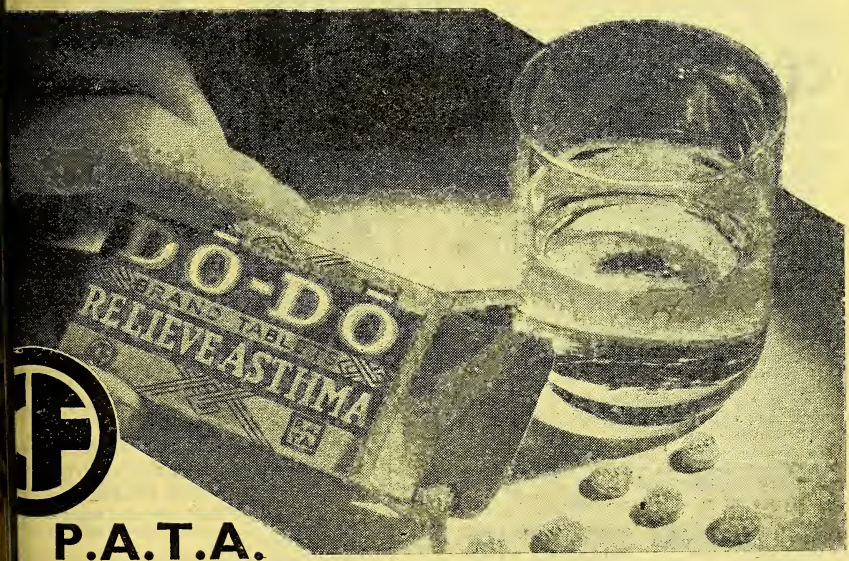

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We do not handle Proprietaries or Sundries, but whilst the bulk of our output in

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is promised to Public Health Departments and Hospitals in the Midlands—we can supply Fine Chemicals and Drugs in reasonable quantities.

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GRIMSBY SILVER MEDAL BRAND PURE COD LIVER OIL
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MALT EXTRACT WITH COD LIVER OIL
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HALIBUT LIVER OIL CAPSULES
HALIBUT LIVER OIL
SUN RAY BALM (Cod Liver Oil Ointment)

ORANJUICE A-D (Halibut Liver Oil with Concentrated Orange Juice)

Some of the above Products are in restricted supply but distribution is being maintained as evenly as possible.
We receive many inquiries every day for local agents' addresses. See to your stock of these celebrated Grimsby Preparations.
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WHITEX. A laundry blue for Woollens, Silk Textiles. For the Home Wash. Write for Trade Terms to TINTEX COLOUR Manufacturers.
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WIDOW WELCH's Original FEMALE PILLS
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N.B.—These Pills do not contain any deleterio or prohibitive drugs, and can be sold with safet
C. & G. KEARSLEY, LTD.
71 DARTMOUTH RD., FOREST HILL, LONDON, S.E.
Established 1787 In the Reign of King George I

Exchange this

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Menopax packed in cardboard cartons covered with blue Cellophane. These packings are obsolete, and have, for the past six months, been replaced by bottles.

for this

NEW PACK

Menopax in Bottles—keeps tablets in perfect condition.

MENOPAX

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HIGH GRADE LONG OVERALL COATS
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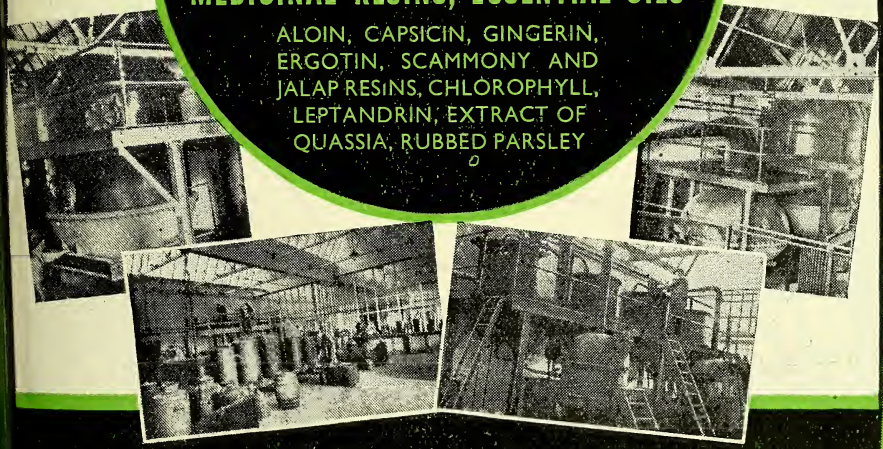

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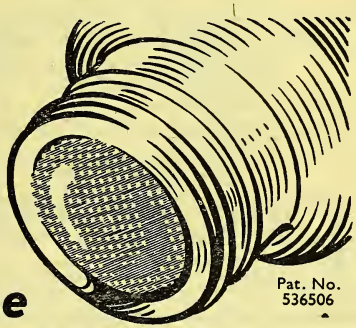

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Round, sound, and tender, inside and rine,
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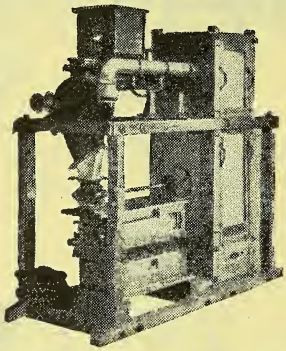

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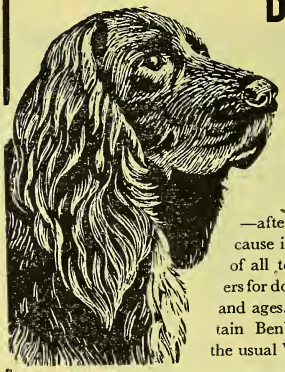

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NEWS OF THE WEEK

Tax on Forceps and Tweezers.—A ruling has been given by the Customs and Excise Authorities that in future all forceps and tweezers under 4½ in. in length will be chargeable with purchase tax at 66⅔ per cent. under Class 17.

Prices of Flavouring Essences.—The Minister of Food has made the Flavouring Essences (Current Prices) Order, 1943, under which the prices of flavouring essences, syrups, emulsions and concentrates may not exceed the prices which were being charged on December 1, 1942. The Order applies to all sales of products of the above kind used for flavouring human food, including pre-packed culinary essences. It does not apply to spices, mustard, substances recommended as medicines, or products of which the price is controlled by any other Order made by the Minister for the time being in force. The Order came into force on February 1.

Licences for Derris and Pyrethrum.—The Ministry of Supply announces that applications for licences under the Control of Derris (No. 1) Order, 1942, and the Control of Pyrethrum (No. 1) Order, 1942, and correspondence concerning the disposal, acquisition, treatment, use or consumption of these materials, should in future be addressed to the Ministry of Supply (R.M.D.), 6 Carlton House Terrace, London, S.W.1.

Anti-dermatitis Preparations.—The Board of Trade has issued as S. R. & O., 1943, No. 116, a general licence in respect of the supply of anti-dermatitis preparations. The Order authorises any person whose name is entered in Part 1 of the Manufacturers of Toilet Preparations Register to supply (in addition to the controlled goods permitted under the Toilet Preparations Order) controlled goods, being anti-dermatitis preparations, to certain undertakings.

National Vitamin Schemes.—From February 7, institutions in which children entitled to benefit under the vitamins scheme are permanently resident may obtain vitamin products at the following prices: Fruit juices, 9s. per dozen bottles; cod liver oil, 16s. per gallon.

Extended Call-up of Women.—Liability of women to be called up under the National Service Acts has been extended to women born between July 1, 1922, and December 31, 1923. The call-up procedure will be as detailed in the *C. & D.*, June 20, 1942, p. 672.

Chemists' Petroleum Stocks.—As will be seen from page 154 of this issue, the National Pharmaceutical Union is asking chemists to make a return to them of their stocks of petroleum products with a view to taking up with the Board of Trade the possible disposal of such products.

New Import Exemption and Drawback Orders.—The Import Duties (Exemptions) (No. 1) Order, 1943 (S. R. & O. 1943, No. 64), issued by the Treasury, exempts from duty certain goods imported solely or mainly for Government use. The Import Duties (Drawback) (No. 1) Order (S. R. & O. 1943, No. 36) amends the rate of drawback in respect of nitro-cellulose and cellulose-acetate photographic film bases. Both Orders came into operation on January 27.

Export of Toilet Preparations.—The Perfumery and Toilet Preparations Export Group has been in consultation with the Board of Trade in connexion with the new Order bringing all toilet preparations to all destinations under export licensing control on February 15. A quota system is to be arranged, which the Group has been asked to administer, under which bulk export licences up to certain f.o.b. value limits will be issued covering shipments to four broad groups of approved destinations. All manufacturers wishing to export toilet preparations after February 15 are required to make an audited return to the Perfumery and Toilet Preparations Export Group of their exports, whether direct or indirect, in the calendar year 1941, which will be taken as the basis for the quota scheme. Manufacturers who have not already heard from the Group should communicate with the Secretary, 69 Cannon Street, London, E.C.4, for further details. Shippers who do not themselves manufacture are not required to make this return, as manufacturers will be asked to give a guarantee that third party shippers of their goods will be given a pro rata share of their quotas.

Fixed Prices for Soft Drinks.—Under an Order which came into force on February 1 soft drinks in liquid form sold in Great Britain must comply with new war-time standards of the Soft Drinks Industry (War-time) Association and must sell at the prices indicated below:—

	Manufacturers' selling price	Retail selling price
	Per doz. s. d.	*Each* s. d.
CARBONATED DRINKS		
Bottles		
Babies	2 6	3
Splits	2 8	3½
10-oz.	2 8	3½
20-oz.	3 6	4½
26-oz.	4 0	5
40-oz.	5 6	7
Syphons		
30-oz.	6 9	9
40-oz.	7 6	10
CONCENTRATED DRINKS		
Squashes and cordials containing fruit juice		
26-oz.	23 6 (21s. od.)	2 6
Gall. jars	10 0 (each)	—
Flavoured cordials without fruit juice		
26-oz.	21 6 (19s. 3d.)	2 3
Gall. jars	9 6 (each)	—

Figures in brackets opposite squash and cordials are prices on sale to a wholesaler, the immediately preceding figure being prices on sale by manufacturer to retailer. The prices, with others for products of minor importance not listed above, will shortly be incorporated in a Maximum Prices Order to be made by the Minister of Food. The retail prices do not apply to sales for consumption on the premises.

Wesley Letter Presentation.—A letter by John Wesley, hitherto unpublished—in which his correspondent was recommended to "keep to the same Regimen. Probably it would save her life if she took three or four times a day the jelly mentioned in the Primitive Physick for a Consumption"—has been presented to the museum at Wesley's house, City Road, London, by Mr. Arnold Kinnings, Southport.

Hospital Furniture.—Under the Metal urniture (Control of Manufacture and upply) (No. 2) Order, which came into peration on February 1, the schedule to he original Metal Furniture Order is altered n the following respect: Aseptic hospital urniture is no longer excluded from the cope of the Order. Manufacturers will now equire a licence to manufacture and supply eptic hospital furniture and should make pplication to the Board of Trade, Indusries and Manufacturers Department, 4 illbank, London, S.W.1, enclosing a catague or drawings of the articles which they ish to manufacture. Licences will then e issued to cover the manufacture and upply of such articles as are approved by he Board in consultation with the Ministry Health and the Directorate of Medical upplies.

Nottingham Talk on Chemotherapy.—peaking to members of the Nottingham ranch of the Pharmaceutical Society and udents of the University on January 28, n the "Chemotherapy of Bacterial Infecons," Mr. D. G. Ardley, M.P.S., made ecial reference to sulphonamides, amines and penicillin. Mr. G. E. Trease, Pharm., Ph.C., presided. Afterwards any questions were asked and answered. vote of thanks was proposed by Mr. I. ppleby and seconded by Miss Burrows.

Scientific Workers in Conference.—A conrence of the Association of Scientific orkers on January 30 and 31 was opened Sir Robert Watson-Watt, who referred a "famine" of scientific workers. Mr. D. Swann outlined the Association's oposals for organising the scientific and chnical resources of the country to greater fect in war-time. The recommendations cluded setting up a central board comsed of scientifically and technically qualid persons. Sir Stafford Cripps (Minister Aircraft Production) was the principal eaker. He said the Government attached e highest importance to the proper ilisation of scientific effort and had built during the course of the war a machinery hich had enabled the country in many anches of science to keep well ahead of its emies. One of the most marked developents had been the growth of the applicaon of purely scientific methods to operaons, and there were now large scientific affs in the three Services devoting their ill and energy to operational research. here had been reluctance by some indusal research departments to pool the sults of their research. All the research organisations were linked with the Supply Ministries, although a perfect method of co-ordination had not yet been reached, and there was room for better integration. Dr. H. Barron dealt with the future of the plastics industry. This, he said, looked extremely bright, but Britain's showing in the newer plastics was not at all impressive. British manufacturers fabricated plastic goods on an increasing scale and skilfully, but too little of the materials were made in this country.

Eire Examination Results.—Forty-one candidates entered for the January Licence examination of the Pharmaceutical Society of Ireland; several passed with distinctions. Richard Ferrar Timoney gained honours and gold-medal marks; David Roice passed with honours and silver-medal marks, and John Joseph Cranitch, Desmond Francis Gannon, and Patricia Hans all gained honours. The following passed: Niall Brendan Beirne, John Joseph Byrnes, William Anthony Fielding, Henry Finn, Raymond Edward Healy, Kathleen Josephine Heraty, Michael Dermot McDonagh, Margaret Mary Patricia McGrath, Bartholomew Christopher Sullivan, Patrick Raymond Tedders, Michael Tobin, and Michael Francis Walsh.

For and Against State Dispensaries.—The Beveridge report, so far as it affects pharmacy, was discussed at the January meeting of the Hull Chemists' Association and branch of the Pharmaceutical Society. The case for a State medical service was lucidly expounded by DR. DRUMMOND, who envisaged the possibility of State dispensaries being set up at health centres. He cited many examples of the medical services existing in Russia. Dr. Drummond thought more could be done in Britain for people who were recovering from illness but not quite able to resume full-time work. He suggested the abolition of approved societies so that all might have equal privileges. Another speaker was MR. ERIC BROCKLEHURST, who strongly urged extension of the National Health Insurance scheme. He dealt with this subject from the four points of view of (*a*) The public; (*b*) the State; (*c*) the medical profession; and (*d*) the pharmacist. Mr. Brocklehurst considered the patients' preference would invariably be to obtain their medicines at chemists' shops rather than from State dispensaries. Thanks to the two speakers were expressed by MESSRS. K. CLAPPISON and R. FOSTER.

TOPICAL REFLECTIONS

Organisation Discussed

Your editorial article on p. 117, studied in conjunction with the reports of meetings of North London chemists (p. 120) and of employed pharmacists (p. 104), makes it clear that the more efficient organisation of British pharmacy has become increasingly urgent. The series of articles circulated by Mr. G. A. Mallinson in 1941, and summarised in your issue of October 4 of that year, included detailed proposals to this end: so far as I remember, they attracted less attention than might have been expected, possibly because of general preoccupation with the demands of the war. Since then the Drug Trade Council has been formed for certain purposes. The representative nature of this body renders it a factor to be reckoned with in putting forward any organisation proposals; it may therefore be hoped that it will be consulted at an early stage by any group that sees its way to taking an initiative. The danger inherent in over-organisation was the subject of a warning by the late Sir William Glyn-Jones in 1920, and I need not emphasise this aspect of the matter. Whatever is done in the directions indicated in your reports, a crucial point will be the nature of the control to be exercised. Control, as our dictionaries inform us, is a word of extensible scope: I venture to suggest that for all interests concerned the guiding principle of organisation should be efficiency. With this steadily in view, the number of mistakes likely to occur during a period of transition will be reduced to a minimum.

Personal Supervision

Those who are old enough to remember the judgment delivered by Mr. Justice Hawkins in the well-known Wheeldon case in 1890 would have thought that only an explicit reversal by an Act of Parliament of the position as then stated could have occasioned any doubt of the result of a case like that reported on p. 107 of your last week's issue. May I quote a few lines? "The whole object of the [1868] Act would be frittered away and the Act become a dead letter were we to declare by our judgment that any unqualified assistant can lawfully and with impunity sell any of the poisons to which the Act refers, unless upon each occasion of such sale he acts under the personal supervision of a qualified employer or a qualified assistant to such employer. By such personal supervision, we mean not merely presence in the sh or room where the sale takes place, b actual personal supervision. . . ." Happi the matter is again settled by the unanimo decision of three High Court judges. his detailed examination of the case, t Lord Chief Justice referred to the pos bility of supervision being effected "wi the mechanical assistance of a telepho or something of that sort." In 1890 t telephone, though just above the status a scientific toy, had not been general accepted as an indispensable aid to dai business; and it may be guessed that t courts of that day would have regarded with suspicion as a means of establishi effective communication between a pha macist and an unqualified assistant. remember a friend telling me of the anno ance with which, about that time, he hea a popular preacher represent an inquir as telephoning to heaven. Since that tir the terrestrial use of the instrument h surpassed expectation.

A Useful Course

If there was any doubt as to the dete mination of British people to maintain t standards of civilisation, the "refresh course" organised by the Manchest Pharmaceutical Association (p. 110) shou suffice to dispel it. Here, during t greatest war in history, is a group pharmacists assembling for the purpose extending their scientific knowledge in pra tical ways and with a definite object. Wh we consider that in several cases the clai of civil defence on spare time have also be satisfied, such enthusiasm is remarkab and encouraging. The choice of certa aspects of sterilisation for work and instru tion is a happy one. We have only to tu to the British and United States Pharm copœias to realise the importance of t subject. It is significant that the bulk the directions in the British Pharmacopœ and its Addendum of 1936 have been supe seded by an Appendix to the Four Addendum (1941), which allots five pag to it. Though we may suppose that furth official pronouncements on similar lines c wait till a new Pharmacopœia makes appearance, it is by no means certain th this will be the case. Hints given in lectur and in monographs indicate that ke workers in this field are not yet satisfi that all the present manipulative metho are sufficient for all needs.

Xrayser

COMPANY NEWS

DAWN, LTD. (P.C.).—Registered in Dublin. Capital £5,000. Manufacturers of cosmetics, soap, perfumery, etc. The subscribers are Messrs. P. C. Cahill, M.P.S.I., and S. McCauley. Directors not named.

SHELLAC DISTRIBUTING AGENCY, LTD.—Company limited by guarantee without share capital. To co-operate with the Ministry of Supply in allocating and distributing in the United Kingdom shellac, including sticklac and all lacs derived therefrom, whether processed or unprocessed, and to protect the interests of the trade in such products. Stanley C. Downham (a director, W. F. Rhodes & Co., Ltd., shellac merchants); William C. S. Elphinstone (a director, Reynolds & Sellers, Ltd., brokers); Stanley Isaacs; Nathan Lind (British, of German origin); and Herbert Parsons, directors. R.O.: 24–25 Fenchurch Street, London, E.C.3.

PARKE, DAVIS & CO.—The net profit of £5,128,627 (*C. & D.* January 23, p. 82) was for the nine months ended September 30, 1942, and not as stated.

SAVORY & MOORE, LTD.—The report of the directors for the year ended January 31, 1942, shows that the amount available for appropriation is £34,629, out of which the directors paid the preference dividends, leaving a balance of £18,809. From this sum the directors have made appropriations to first mortgage debenture stock sinking fund, leaseholds amortisation reserve and taxation reserve totalling £4,988. The directors recommend payment of final dividends due upon the three classes of preference shares, £4,310, and transfer to general reserve account, £4,875, leaving a balance to carry forward of £4,636.

PHARMACEUTICAL PRODUCTS, LTD.—The report of the directors for the year ended March 31, 1942, shows a balance on the profit-and-loss appropriation account of £28,456, transferred from profit-and-loss account. Fixed interim dividends were paid upon the preference share capital, absorbing £6,093. The directors recommend approval of the interim dividends and payment of a final dividend upon the 6½ per cent. guaranteed redeemable preference shares to March 31, 1942, amounting to £2,031. Directors also recommend a dividend of £6,000, free of tax, on the ordinary share capital. The balance on profit-and-loss account is thus £14,331, to carry forward.

LEGAL REPORTS

Cancer Act Prosecution.—At Leicester, recently, William P. Vickerstaff, herbalist, was summoned in respect of an advertisement displayed in his shop window, containing an offer to treat persons for cancer and to give advice. He was also summoned for a similar breach of the Act contained in a booklet. For the defence it was stated that Mr. Vickerstaff had refrained from treating cancer since the passing of the Act, but thought he was approaching the matter in a common-sense manner by referring to testimonials to his work. The charges were dealt with under the Probation of Offenders Act on the payment of costs.

Pharmacy Act Case.—At Bradford, recently, J. Robinson & Sons (Bradford), Ltd., were summoned for using the title "chemist" when not being registered and also for selling an ointment that was falsely described as purely herbal. It was stated by the prosecution that the company had issued literature in which the word "chemist" appeared, but did not now have a qualified chemist in its employ. It had been explained on behalf of the defendants that when they lost the services of their chemist they had ceased using that description. Referring to the summons respecting the ointment, it was stated that this contained mineral matter. A fine of £2 2s. was imposed on the first summons and £8 8s. on the second.

Application for Injunction.—An action brought by Roche Products, Ltd., against Mr. Hugh Dalton, President of the Board of Trade, and Lindley Robertson Armitage, was mentioned to Mr. Justice Uthwatt, in the Chancery Division on February 2, when Mr. C. R. D. Richmount, for plaintiffs, said they were moving for an injunction to restrain the second defendant from acting under a supervision order made by the Board of Trade under Section 3 of the Trading with the Enemy Act.

Mr. Richmount said he was led by Sir Walter Monckton, K.C., and Mr. H. O. Danckwerts appeared for the defendants.

Mr. Danckwerts: The Attorney-General is going to lead me. I ask your Lordship to stand the motion over for three weeks. There seems to be no particular hurry.

Asked how long the case would last, Mr. Danckwerts said it was one of those cases which would be met with a legal objection at the outset.

Mr. Justice Uthwatt said the motion could stand over until February 23.

TRADE NOTES

Scottish chemists are asked by Herts Pharmaceuticals, Ltd., to address all correspondence intended for the company direct to Welwyn Garden City (*see* p. 139).

Menthol Cones at Reduced Prices.—A reduction in the prices of Victory, Kristal and Fingertip menthol cones is announced by M. J. Fecher, Ltd., 121 High Street, Slough, Bucks.

Rye.—Potential users of rye are invited to send inquiries to the Ryvita Co., Ltd., 310 London Road, Leicester, who claim to be the only company in the United Kingdom specialising in rye. The company has the most up-to-date mills and gives technical guidance and assistance in using the flour or grain.

Bromural.—L. Light & Co., Ltd., Old Bowry Laboratories, Wraysbury, Bucks, ask us to point out that during the past year they have inadvertently used the word Bromural in a number of advertisements in this publication. They have now ascertained that the word is the registered trade-mark of Knoll, Ltd.

Prices Reduced.—Keen, Robinson & Co., Ltd., Norwich, announce new reduced consumer prices for Robinson's patent barley operative from March 1. Details will be found on another page.—ROCHE PRODUCTS, LTD., Welwyn Garden City, announce further substantial reductions in the prices of Benerva tablets and ampoules. Details are to be found elsewhere in this issue.

672 Film Shows.—The 5½-minute film, "There by——" advertising Bisodol, is being shown at 672 cinemas in Great Britain and Northern Ireland between January and October. For four weeks following each showing, lantern slides will be exhibited calling attention to the product at the cinemas. A limited number of showcards is available from the sole distributors: Kolynos (Sales), Ltd., 12 Chenies Street, London, W.C.1.

Twelve Months' Guaranteed Advertising.—Firm bookings for twelve months' advertising in most of the National daily and many provincial newspapers, in the leading women's papers and the better-class magazines have been made for Jean Claude beauty aids. Orders from retailers are being dealt with in strict rotation. The district agents are:—Cosmetic Distributors, Ltd., 124 Imperial House, 80 Regent Street, London, W.1; A. Fox, 79A Hoghton Street, Southport, Lancs; and G. Clifton Bingham, Ltd., 100 Eastern Street, High Wycombe, Bucks.

Free Exchange of Obsolete Packs.—For some six months, Menopax has been supplied to the retail trade in bottles. Previously it had been packed in cardboard cartons covered with blue transparent tissue. As the carton packs are now obsolete, the proprietors of Menopax—Clinical Products, Ltd., 2 The Green, Richmond, Surrey—request chemists to examine stocks and return all old packages (i.e. flat cartons). These (in any of the three sizes) will immediately be replaced, free of charge, by the new bottle packings. Carriage will also be refunded.

"C. & D." Diary and Year Book, 1943—Subscribers are asked to make the following corrections: P. 60: Telephone number of Hormones & Chalones, Ltd., 27 North Crescent, Hertford, should be Hertford 2704. P. 169: Address of B. A. Smith & Co., Ltd. should be 51 Nork Way, Banstead, Surrey. P. 147: Cancel the entries for Addressing Co., Ltd., Adeps Lanæ, Ltd., and the Aerograph Co., Ltd., and insert:—

ADDRESSING CO., LTD., 9 Red Lion Court, Fleet Street, London, E.C.4. Central 9671–73. Medcirc, Holb., London.

ADEPS LANÆ, LTD., 2 Chellow Street, Manchester Road, Bradford. Bradford 3670. Greref, Bradford.

AEROGRAPH CO., LTD., Lower Sydenham, London, S.E.26. Sydenham 6060. Aerography, London.

Business Changes

H. LATTIMER & FELLING ZINC OXIDE CO. have removed to 22 Upper Ground, Blackfriars Bridge, London, S.E.1.

MR. FREDERICK T. ROOKE, M.P.S., purchased from Mr. Theo. Pumphrey, Ph.C., Bentham, Lancaster, the latter's branch business at Kirkgate, Settle, Yorks, on January 25.

Proprietary Articles Trade Association

Additions to Protected List.—*County Perfumery Co., Ltd.* Nicota tooth-paste, 6s. 6d. doz., tax 2s. 2d. doz., inclusive retail price, 1s. Brylshave brushless shaving-cream, jars, 12s. doz., tax 4s. doz., i.r.p. 1s. 9d.

Thos. Guest & Co., Ltd. Sure Shield fruit laxatives, 1s. 6d., 10s. 6d. doz., tax 1s. 9d. doz., i.r.p. 1s. 8d. Owing to difficulty in obtaining tins, 10½d. size is temporarily withdrawn.

HORTICULTURE FOR THE RETAIL CHEMIST

by W. F. Elvidge, B.Sc., Ph.D., F.I.C.

III.—Fertilisers (*continued*)

NG war-time the natural deposits ring in Strassfurt and Alsace are not able. A small quantity of potassium de was obtained from the evaporation -water in Southern France and from cottish kelp industry, but these sup- are extremely small by comparison. Strassfurt and Alsatian industries ce kainit containing 14 per cent. K_2O, pally as chloride, together with so- chloride and magnesium sulphate. the same sources were also marketed is grades of "potash salts," containing d 30 per cent. K_2O and sold on the of their K_2O contents. Owing to the ge of potash for agricultural purposes, ailable supplies are strictly controlled, uantities of the commercial chloride ted from Palestine and America are liberated by the Ministry of Agricul- for the manufacture of the National more fertiliser designed for the ur gardener, and this is to contain cent. K_2O. Other sources of potash ood ashes and flue dust. The wood obtained by burning young boughs wigs useless for timber, contain from 5 per cent. K_2O in the form of potas- carbonate, the caustic nature of which be neutralised before it can be safely Some work has been done in the d Kingdom on bracken ash, the K_2O nt of which shows variation according e season of growth. The largest tial source of by-product potash in this ry is the flue dust from blast furnaces, has been found that the addition of on salt to the melt increases the lity of the potash and the amounts t in the flue dust. The K_2O content e dust varies tremendously, some ning as little as 5 per cent. K_2O, some ch as 18 per cent. Further, the pro- n of water-soluble to total K_2O varies erably and, in the experience of the r, may amount to as much as 95 per of the total; in other samples it may low as 15 per cent.

rs of Misuse

hough flue dust may be suitable for rmer to apply as a winter dressing to the land, a word of warning must be given regarding its use in compounded fertilisers. Flue dust contains many impurities, the chief of which is thiocyanate, which has a deleterious effect on certain plants, such as tomatoes. Flue dust, as such, should not be used as an ingredient of tomato fertilisers unless the thiocyanate has been removed or decomposed. The same remarks apply to potash recovered from other industrial processes; their freedom from possible injury to the plant requires determining in every instance. A certain economy in the use of potassium may be effected by the judicious use of sodium chloride. The effect of sodium is twofold; it acts on the soil, liberating reserves of potassium, and it also enables the plant in some way to make a better use of a limited ration of potash. The inclusion of sodium chloride in compounded fertilisers, however, is not without danger, and whilst it may be safely used with mangolds and sugar beet, it may affect the quality of other vegetables. There is another danger, that the prolonged use of sodium chloride may seriously deplete the reserves of potash in the soil.

Lime

The advantages of lime in the soil vary and may be briefly summarised as follows:—

(*a*) Neutralisation of the nitric acid formed by oxidation of ammonium salts. This maintains a slightly alkaline medium, best suited for permitting nitrifying bacteria to function.

(*b*) Liberation of potash and other elements from silicates, thus rendering them more readily available.

(*c*) Decomposition of ammonium sulphate into ammonium carbonate, which is a necessary precondition to the absorption of ammonia by soils and its oxidation to nitrate.

(*d*) Increasing the efficiency of many manures.

(*e*) Improvement in the physical properties of soils. It improves the water-retaining properties of sandy soils, and causes flocculation in clay soils, changing a sticky clay soil into a friable form easier to cultivate.

The part played by calcium as an essential constituent of plants is not thoroughly

understood, but it is probable that the more soluble nitrate and sulphate are the forms in which the plant obtains its calcium.

The term "lime" as commonly used includes both burnt and slaked lime and calcium carbonate. Under the Fertiliser and Feeding Stuffs Act, five definitions are given for these substances, namely:—

1. Slaked lime ($Ca(OH)_2$).
2. Quick lime, ground or otherwise (CaO).
3. Ground chalk, obtained by grinding cretaceous limestone.
4. Ground limestone, obtained by grinding sedimentary rock, containing principally $CaCO_3$.
5. Dried carbonate of lime, a by-product consisting principally of $CaCO_3$, obtained from manufacturing processes.

The most effective method of applying lime is as burnt lime, which is allowed to slake, and become to a certain extent carbonate, by exposure to air. In this manner it is broken up into very fine powder mixed easily with the soil. Ground lime which has been already finely powdered is also available. As a by-product from gas works, there is "gas lime," which contains about 25 per cent. effective CaO, together with cyanogen and sulphur compounds, abstracted as impurities from the coal gas, but this grade should be well exposed before use to allow of thorough oxidation of the sulphide, sulphite, thiosulphate, etc., which possess a certain deleterious effect on vegetation. Calcium carbonate, either as chalk, limestone, or by-product material, may be used instead of lime, but has only half its neutralising capacity and a much slower effect. For all five grades mentioned, the Fertiliser and Feeding Stuffs Act requires the amount (or equivalent amount) of CaO to be stated; for limestone the proportion which will pass through a 100-mesh sieve must also be given.

Trace Elements

A full résumé of the research work carried out in recent years on the functions and importance of trace elements to plant life and growth would merit several articles, and there is space here only for a brief mention of the more important. Research in this field has been greatly furthered by the introduction into chemical analysis of methods capable of detecting small quantities of metals and other ions. These methods have been elaborated in two main ways: first, spectrographic analysis, which gives an almost complete qualitative picture of all the metals present, the introduction of the microphotometer having done i towards making these determinations c titative as well as qualitative. apparatus is expensive to instal and re special technique and physico-che knowledge; it is outside the usual i of scope of most laboratories. For reason the other development, namely of the newer organic reagents for dete small quantities of metals, is particu welcome. Among these may be menti the use of dithizone, for lead and mer quinalazarin for aluminium, magne and boron; sodium diethyl-dithio-car ate for copper; alphanitroso betanap for cobalt; dimethyl-glyoxime, furildic and salicyaldioxime for nickel; alph zoinoxime and 4-methyl 1:2 dimer benzene for molybdenum. Conside work in this country and in the U States of America has been carried o the application of these reagents to sp analytical problems connected with culture, and their use has been fu enhanced by the introduction of imp methods of colour measurement in the of absorptiometers and colorimeters selected spectral regions.

Metallic Elements in Soil

It has been found that some ele occurring in small quantities us grouped under the title "trace" ele are essential for plant growth. Som essential in small quantities and delet in larger, and some not deleterious to p but definitely toxic towards the an feeding on the pastures. Very brief may be said that, of the principal ele so far studied, the main conclusions a

Nickel.—Always present in plant does not appear to be essential.

Copper.—Has been found in most in the order of two to twenty part million. There is evidence that coppe function both as a soil stimulant in a lytic form and as a plant nutrient. possible that copper, both in the plan in the soil, acts chiefly as an oxidising lyst, and that where it is deficient i plant the health of the plant suffers, it is deficient in the soil the yield c crop suffering accordingly. Copper ap to be especially necessary for seed form

Zinc.—Is present in soils in the p tion of five to forty parts per million the evidence so far is that it is an pensable food element rather than fun ing as an antiseptic or corrective. possibility of toxic concentrations o occurring in soils is remote.

balt.—Occurs in soils in quantities ing up to 100 parts per million. It is ss importance to pasture than to the th of grazing animals. Deficiency of lt in the pasture has been shown to he cause of bush sickness in New and and pining and swayback in this try.

olybdenum.—Occurs in certain pastures, icularly in Somerset and Worcester-, and although less than two parts per on in the pasture may be safe, more ten parts per million gives rise to disease in cattle and sheep fed on the age. Several workers have shown that bdenum (and vanadium) are essential he growth and function of nitrifying eria.

anganese.—An essential element to ts. Deficiency symptoms usually occur this metal is rendered less available xcessive liming.

ron.—Is an example of an element ficial in small amounts and deleterious rger. Boron deficiency, which may be r primary or induced, leads to such itions as heart rot of root crops and y core of apples. Only very small tities of boron are essential for plants, the presence of this element in excess sometimes in very small excess may be itely toxic.

lenium.—Is an example of an element dangerous to plants but definitely so imals.

uorine.—Most of the native rock phates of Florida contain considerable nts of fluorine, and this is still present e superphosphate made from them; presence of fluorine is not dangerous rtilisers, but such fluorine-containing phates should not be used as a source inerals for animal feeding.

om the above summary it will be seen owing to the very variable concentra- of trace elements in different soils, also to the fact that many occur rally in the ordinary ingredients of lisers, the time is hardly yet ripe for ing a definite addition of them to com- ded fertilisers, though developments ese lines may be expected in the future.

liser and Feeding Stuffs Act, 1926

nally it must be pointed out that pounded fertilisers and most fertiliser icals are subject to the Fertiliser and ling Stuffs Act, 1926, and any retail ist taking up this class of business is advised to make himself familiar with provisions of this legislation. Space does not permit of a detailed summary of the Act, but it may be said that in general its purpose is to protect the purchaser from fraud by providing him with a declaration on the label of the proportion of essential plant or food constituents present.

Calculation of Percentage

Under the Act as it applies to sales of fertilisers, the percentage of nitrogen present is to be declared in the case of cyanamide, hoof and horn meal, nitrates of lime and sodium, and dried blood. Soluble phosphoric acid, in terms of P_2O_5, is required to be declared on superphosphate, and total P_2O_5 on basic slag and rock phosphate. Both nitrogen and total P_2O_5 contents of bone, meat and fish products are to be declared, and potash salts require the declaration of their K_2O content. Compounded ferilisers require all their constituents to be stated. Standard methods of analysis are laid down, and there are strict limits of variation from the declaration within which the sample must fall. In selling a fertiliser compounded by himself, the retail chemist must take these requirements into account; it will not, in general, be practicable for him to have each batch analysed but, since he should have available the declared figures on his raw material, he can work out the declaration of the compounded fertilisers from the proportions used in his formula. In this respect, he should pay attention to any possible chemical reaction, such as loss of ammonia and reversion of soluble phosphoric acid, which may take place in his mixture. It should be noted that the obligation to give a declaration is not required in mixing two or more articles at the request of a purchaser, or in the case of sales of less than 56 lb., if it is taken in the presence of the purchaser from a parcel bearing a conspicuous label on which are marked the required particulars.

"O.C. Cosmetics" for Service Women.—The Navy, Army and Air Force Institutes (Naafi) have appointed an inspector to visit all women's service camps in Great Britain to ensure that adequate supplies of cosmetics are available in the canteens.

Mobile Infant-welfare Unit.—A description is given in the "Canadian Pharmaceutical Journal" (75.23.601) of a mobile infant-welfare unit stated to be used in this country to give assistance to blitzed children. The unit consists of a maternity van; a "technical van for dispensing"; and a van for spares and supplies.

NATIONAL PHARMACEUTICAL UNIO

MEETINGS of the Executives of the National Pharmaceutical Union and Chemists' Defence Association were held on January 27, Mr. J. Evans in the chair. THE CHAIRMAN conveyed his New Year greetings to members of the Executive and expressed gratification at the secretary's good progress towards recovery after his accident.

Organisation of Employees

In view of renewed activity on the part of the Pharmaceutical Society regarding the organisation of employees, it was decided, after discussion, to leave the matter in abeyance for one month.

Air Raid Assistance and War Distress Funds

Two claims upon the N.P.U. Air Raid Assistance Fund had been made since the previous meeting; it was anticipated that one would be in respect of closure for one month; details of the other claim were not available at the time of the meeting. No change had occurred in the position of the N.P.U. War Distress Fund since the previous meeting of the Executive. Subscriptions to date amounted to £20,720; weekly payments being made were £24 13s.

The accounts and report upon the work of the N.P.U. clearing-house for the year ending December 31, 1942, were received.

Secretary's Report

In his report on matters that had arisen since the previous meeting of the Executive, THE SECRETARY referred to negotiations with which the N.P.U. had been associated in an endeavour to obtain more satisfactory administration of the Location of Retail Businesses Order; an endeavour to secure N.P.U. representation on the Advisory Committee to the Board of Trade on manufacture and distribution of toilet preparations; an interview with the Board of Trade during the early part of January aimed at easing the position of the small retailer-manufacturer under the Toilet Preparations Order; a discussion that had taken place with the Director of Public Relations, Ministry of Health, about a suggestion that pharmacies should be used as centres of health education; and an approach to the Board of Trade to secure coupon-free glass cloths for pharmacists. It was reported that several organisations represented on the Parliamentary Fund Committee had proposed amendments to the draft constitution. The Executive considered these proposals should be submitted to a full meeting of the P mentary Fund Committee. The Exec received a report on a proposal to reg saccharin distribution; on proposed p control for glucose powder and vitami glucose preparations; free distributic cod liver oil, etc., to children; and prop maximum prices for hardware used ir chemist's business. A statement by SECRETARY on the effect on the N.P.U. its allied organisations of suggestions r in the Beveridge report was also rece and considered. The following resolu was received from the Nottingham Br of the Pharmaceutical Society:—

"That until such time as a Pharr Board is constituted to control phar in all its aspects, it is desirable tha protection of the business interest pharmacy should be vested in a mittee elected from the Pharmaceu Society's Council, the N.P.U. Execu the Company Chemists' Association Co-operative Societies and non-propr pharmacists."

Chemists Defence Associati

THE SECRETARY reported that settle had been effected in eleven cases out considerable number received. Outstan claims were left in the hands of the secr for negotiation and settlement. Two analyses were undertaken. Two men were defended under the Food and D Act, one in respect of egg-substitute pov and one for cream emulsion of cod oil with Parrish's food not labelled disclosure label. One member was defe in respect of a summons under the Sacch (Control and Maximum Prices) Order selling a packet of saccharin contai only ninety instead of a hundred tab All the summonses were disposed o terms which did not involve fines.

INFORMATION WANTED

Information with respect to the underment will be appreciated:—

G.P./291. Makers or suppliers of Meno tablets.

CLOSED ON SATURDAYS.—Advertisers subscribers are reminded that owing to conditions the Head Office of THE CHE AND DRUGGIST, 28 Essex Street, London, W is closed on Saturdays until further nc Urgent instructions relating to advertising subscriptions should be sent to the *C. &* 17 Argyle Street, Bath, Somerset.

PARLIAMENTARY NEWS

Rehabilitation of Small Traders.—Major yons asked the President of the Board of rade on January 26 whether any decision ad been reached on the question of grant-g State credit and/or guarantees for the eopening of business in due course by small hopkeepers who, through absence on ser-ice or through economic causes due to the ar, had been compelled to shut their stablishments. Mr. Dalton: The question part of the wider problem of post-war nancial assistance to many sections of the ommunity, on which no decision can yet e taken.

Information on Invoices.—Sir Smedley rooke asked the President of the Board f Trade on January 28 whether he was ware of the difficulty experienced by price-egulation committees in determining from voices of controlled goods whether the eller was manufacturer or wholesaler, and hus whether the permitted profit should e of one percentage or another. He sug-sted the Minister should take steps to mend the Invoices Order to include a rovision that where goods sold by a anufacturer are not of his own manu-cture the invoice should state this. Ir. Dalton thanked him for the suggestion, hich he said he was examining.

Post-war Shop Hours.—Mr. E. Walkden sked the Home Secretary on January 21 hether he would agree to hold an inquiry to the hours and conditions of women hop assistants before agreeing to the estoration of the pre-war hours of shop pening.

Mr. H. Morrison: As the pre-war provi-ons of the law will—in the absence of esh legislation—automatically come into peration when the Emergency Powers xpire, I am not in a position to give the ssurance for which my hon. Friend asks; ut when the time is opportune for a eview of the provisions of the Shops Acts, is representations regarding women assis-nts will be borne in mind, and the uestion considered in consultation with ty right hon. Friend the Minister of abour.

El Alamein to Tripoli.—Hundreds of tons f paper were used by the combined forces this campaign. Help to clear the Ger-ans out of Tunisia by salvaging every scrap f waste paper and packaging material ou can collect.

PERSONALITIES

Mr. Hugh N. Linstead, O.B.E., M.P. (registrar, Pharmaceutical Society), has been appointed a joint secretary of the Conservative Party's Social Services Committee in the House of Commons.

Mr. William Esler, Ph.C., Howard Street, Belfast, was recently installed Worshipful Master of Galen Masonic Lodge, Belfast. About three-fourths of the members of this Lodge are chemists.

Pharmaceutical Councillors Co-opted.—At the meeting of the Pharmaceutical Society's Council, on February 3, Mr. C. W. Maplethorpe was co-opted in place of Mr. E. S. Peck and Mr. A. A. Meldrum in place of Mr. J. Jack, who has resigned.

DEATHS

Moreland.—On January 28, Mr. Sam Moreland, representative in Scotland of Herts Pharmaceuticals, Ltd., Welwyn Garden City.

Swales.—Suddenly, at 43 Churchwood Avenue, Headingley, Leeds, on January 27, Mr. Thomas Swales, the beloved husband of Anne, and father of Howard Swales, aged seventy-five. Mr. Swales had been associated with the chemists' sundries trade for fifty-six years. In 1887 he joined his uncle's firm (T. W. Simcock, of Leeds) and travelled the Northern counties. In 1903 the business of Thomas Swales was founded and progressed and extended until 1919, when he was joined by his son, Howard Swales. From this time onwards until the outbreak of the present war in 1939, the travelling was mainly carried on by father and son. In October 1939, Mr. Howard Swales rejoined his old Corps (Royal Signals) and the organisation and responsibility of the business fell entirely to Mr. Thomas Swales, but he had the able assistance of Mr. Claude Todd, who has himself been an active member of the firm since its inception, and Mr. T. Boyes, who joined the firm in 1939.

Waymark.—At his home at Chigwell, Essex, on January 24, Mr. George Waymark, aged sixty-seven. Mr. Waymark was one of the original directors of Britton, Malcolm & Waymark, Ltd., 38 Southwark Bridge Road, London, S.E.1, being specially interested in the development of the surgical instrument and hospital supplies section of their business. He is succeeded by his only son, Mr. Donald Waymark.

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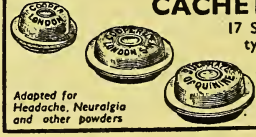

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Official organ of The Pharmaceutical Society of Ireland, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland and of other Chemists' Societies in the Empire

VOL. CXXXIX FEBRUARY 6, 1943 NO. 3287

The fact that goods made of raw materials in short supply owing to war conditions are advertised in this paper or described in its editorial columns should not be taken as an indication that they are necessarily available for export.

Pharmacy in State Medical Schemes

In this and subsequent articles we propose to discuss the prospects of pharmacy in post-war years. Such subjects as State medical service, organisation, education and other matters are so interwoven that the influences which affect the one inevitably have repercussions on the others. That the social services of this country will undergo a general overhaul and extension soon after the cessation of hostilities is regarded as inevitable by all sections of the community. Few among us can regard with equanimity the health services as they exist today, and Parliament's reaction to the Beveridge report is awaited with considerable interest. Meanwhile the memoranda which have been issued by other bodies is an indication of the trend of opinion generally. The problem for pharmacy is how and where the pharmacists' services can be utilised and in what directions the profession should be re-orientated. All the plans so far suggested visualise the establishment of health centres, and if these are adopted it is obvious that they will have to be staffed and equipped on a scale far in excess of present-day out-patients' departments of hospitals. The period so often wasted in waiting to see a doctor, to be attended by the nurse, for a diagnosis or for medicine will have to be drastically curtailed, while it must not be overlooked that a State medical scheme may well embrace persons with incomes up to £750 per annum as well as their dependants. It is conceivable, therefore, that in every town there would have to be established a number of clinics or health centres.

The problem at once arises whether the medicines for those visiting the clinics should be dispensed there or at existing pharmacies. Pharmacists should be allowed a considerable voice if and when such a project comes to be discussed, and we think that if a vote were taken the majority might favour the latter course. Such a decision must not be made lightly, for on it depends the whole future development of pharmacy. It is obvious, therefore, that the matter should be fully debated without delay by chemists whenever and wherever they meet. Most chemists will, we think, be able to appreciate the problems involved if extension of the health services consisted only in expanding the present National Health Insurance services. It is important to realise, however, that vastly more than the supplying of medicine is comprised in the schemes now being put forward, so that it is worth while to discuss the potentialities for pharmacy if the clinics are developed as foreshadowed.

Attractions of State Service

Let it be supposed that the hospital as we know it today is reserved entirely for in-patients and the clinic for out-patients. The clinics will need to include in their establishment a pharmacy department which, in addition to undertaking dispensing throughout the twenty-four hours, will have to be capable of performing, among other things, sterilisation, bacteriology, sputum and urine analysis, blood counts, the supplying and supervising the fitting of surgical appliances, and possibly radiological work. If a scheme of this nature were put into operation there would be little dispensing to be done in private pharmacies, but there would be real pharmaceutical work for pharmacists who took up appointments at

he State clinics, and it is evident that there re many attractions in such appointments, ot the least of which are a definite place in he health service of the country, security of ncome, freedom from duty outside stated ours, and opportunities for research and for pplying professional knowledge.

Supervision and Personal Control

THE difference between supervision and personal control over the retail sale of a Part I poison was made abundantly clear n the appeal by Mr. W. R. Roberts, an nspector acting for the Pharmaceutical Society of Great Britain, recently. Mr. Roberts appealed against a decision of the Barnsley magistrates, who had dismissed summons against Littlewoods Mail Order Stores, Ltd., under Section 18 (i) (*a*) (iii) of he Pharmacy and Poisons Act, 1933 (see *C. & D.*, January 30, p. 107). This Section f the Act provides that it shall not be awful for a person to sell any poison ncluded in Part I of the Poisons List unless i) he is an authorised seller of poisons; and ii) the sale is effected on registered premises; and (iii) the sale is effected by or nder the supervision of a registered pharmacist.

According to evidence the Society's nspector entered Messrs. Littlewoods' tore, went up to the drug counter, and picked up the two preparations which ormed the subject of the prosecution. He was served by a young girl who could ot possibly judge whether he was a fit nd proper person to purchase the poison. After making the purchase the inspector sked to see the registered pharmacist, who, t transpired, was in a stock-room and ppeared after about five minutes. The Bench refused to convict, holding that the ales had taken place under the supervision f the registered pharmacist.

When the appeal came before the High Court, counsel for the Pharmaceutical Society contended that the pharmacist ould not supervise a sale when not only vas he not present but knew nothing about t. Counsel for Messrs. Littlewoods took he view that supervision did not mean that everything had to be done by th individual concerned. It meant that h had to make arrangements for things to b done properly, and it was for the prosecu tion to establish that he was not super vising. Attention of the Court was draw to Section 19 (4) of the Act, which require that where medicines are compounded o the premises that must be done "unde the direct and personal supervision of th registered pharmacist." There was contrast, counsel considered, between tha supervision and the general supervisio called for under Section 18. It was entirel a question of fact and of degree for th justices to decide whether proper super vision was exercised under Section 18.

The Difference

The Lord Chief Justice (Lord Caldecote) in giving judgment, said Section 18 was no dealing with the conduct of a business that was the subject of Section 9, which provided that the business, if not unde the personal control of the superintendent must be under the personal control of a registered pharmacist. There was a difference between a business under the personal control of a manager who must be a pharmacist and a sale by or under the supervision of a pharmacist. It was quite possible for a man upstairs to exercise personal control of a business, but while he was upstairs he could not, his Lordship thought, be supervising a particular sale as required by Section 18 (i) (*a*) (iii). The Section was reasonably plain. Each individual sale, though not necessarily effected by the qualified person, must be shown by the evidence to be under his supervision in the sense that he must be aware of what was going on at the counter, and in a position to supervise or superintend the activities of the young women by whose hands each individual sale was effected. It was over-straining the meaning of the words "under the supervision of a registered pharmacist" to say that the requirement could be satisfied by the presence of a registered pharmacist in another part of the building unless there was evidence to show that by some mechanical means he was able to give supervision to what was going on at the counter. The other judges, Mr.

e Humphreys and Mr. Justice Tucker, l.

decision indicates that the view held e Council of the Society and its ers, i.e., that the pharmacist has a nsibility which he cannot delegate unqualified person, is the right one. mit otherwise would be to remove afeguard for the general public—one chief purposes of the Pharmaceutical y's examinations. We have long ed that a challenge of this nature arise, in view of the propaganda that en put forth in recent times by those interests do not coincide with those mists. Much play has been made he idea that anyone can hand over l medicines, and it was high time ttention should be called to the imce of the supervision of a sale. The r it attaches to many articles besides ncluded in the Poisons List, and it only to unqualified persons that the constitutes a warning. The Pharmal Society itself should keep a watche on the possible outcome of the ance of "drug women" into acy.

Fiction in Advertising

ould have supposed that parodies in could be made upon the entries in a l dictionary. An inexhaustible mine cature and humour, one might have ed, would exist in the wonderland ndpa Kruschen, halitosis ("yourend-won't-tell-you") and night star. But no. The seam is worked out. matter of terminological curiosities ay as well abandon fiction for fact. ve any medical counterparts of the es or the jabberwocky (unless it be omunculi" of a "Lancet" humorist) brought into the world by a 1943 r Carroll.

ilments for Old

, at least, may be inferred from a tition organised recently by our porary the "New Statesman." The titors were asked to invent a erful new disease" and to write an isement for its cure. They produced, others, lung twang, queuer's neck, emption, buttoxemia, and gastromonotony, but the judge awarded the prize to vitaminosis. This—believe it or not—was simply our old friend hypervitaminosis, for which the imaginary remedy was Vitaneut ("neutralises vitamins in ten seconds"). Apart from some surprising symptoms in the second entry (embulced tongue, relaxed thrumboles, swollen luptics, jerky umbella, shoddy juvicels), the remaining published efforts were not (in the opinion of a plain chemist and druggist) any advance on the originals to be found in any popular weekly. (The fourth, though not ranked so highly by the judge, possibly gained in humour by abandoning pseudo-medicine and tilting at the prevalent disease of entering literary competitions.)

Fiction v. Fact

Compare, for example, the two following passages, one from an actual advertisement and the other from a competition entry:—

> (*a*) Dull eyes, yellow puffed eyes, eyes that burn but do not sparkle, tell of one thing. They speak of constipation, of a system clogged with matter that poisons, depresses, and saps energy. Constipation should be given short shrift. If allowed to continue it will lower your power of resistance to infection; lower your hold on life; lower your earning power in a competitive world. One thing is needed to dispel it.
>
> (*b*) One adult in ten has now become a victim to this latest scourge of our wartime civilisation. Men and women in the prime of life find their stature decreasing, their skin wizening, their toe-nails ceasing to grow even inwards. Have you joined this stricken band? . . . Do you secretly covet a bath chair? In fact, have you got that Shrinking Feeling?

Small wonder that the judge's comment was "On the whole the diseases were more convincing than the remedies." They demanded less originality, perhaps. Even so, what have gloids, primps and dilly-doubles to offer against mumps, bagassosis, and risus sardonicus? It has been said that there is

nothing new under the ultra-violet lamp, and the only real joke was an old one:—

"I feel in perfect health!"

"Then beware!—Doctors assert, and science has proved, that there is no such thing as perfect health."

The dialogue is almost a paraphrase of the announcement "Many people who are MODERATELY well think they are QUITE well" with which Uncle Ponderevo boosted Tono-Bungay in H. G. Wells's novel of that name.

One of G. K. Chesterton's best essays includes a fable about a group of story-tellers who endeavoured to invent a story so tall that it was past belief even by the extremely gullible king to whom it was to be told. How one of the story-tellers fin succeeded is not of present moment. the "New Statesman" competition based on advertisements directed a section of the public so gullible ther almost nothing it will not swallow. T the caricature is neither more nor entertaining (according to the way you l at things) than the original is a sad inevitable commentary. If it is true, as judge remarks, that "our advertisers patent medicines seem to shout less t they did," the reason is, unfortunat only an effect of the paper shortage not an improvement in the critical fac of the public. That will come, if it come, only very gradually.

CHEMISTS' FRIENDS ASSOCIATION

A MEETING of the Chemists' Friends Association was held in London on January 20, the president (Mr. J. D. Bohn) in the chair. The result of the election for manufacturers' and wholesalers' representatives to the Council for 1943 was received, and the following officers and subcommittees were elected: *President*, Mr. J. D. Bohn (The British Drug Houses, Ltd.); *Vice-president*, Mr. F. J. Smith (Sangers, Ltd.); *Treasurer*, Mr. R. Peck (May, Roberts & Co., Ltd.); *Propaganda Committee*, Messrs. Bohn, Brocklehurst, Brook, Feather, Hearle, Heseltine, Mallinson, Peck and Tristram; *Standards Committee*, Messrs. Brocklehurst, Cripps, Godding, Knott, Mallinson, Peck and Stearn.

A report of two meetings of the standards committee held since the previous meeting of the Council was received and approved. On a suggestion by MR. J. E. BLACKWELL it was resolved that the standards adopted by the committee should be more clearly defined. Instructions were given to hold a special meeting of the standards committee for the purpose.

Approved List

Four applications from manufacturers for inclusion in the C.F. list were considered; the following were accepted:—

Halsteads (Chemists), Ltd., Hinckley, Leics (Halsteads 109 influenza and fever cure; Pro-tussis whooping-cough mixture), and *Southern Utilities, Ltd.*, Bournemouth (Leciferrin).

One application was refused, and the fourth was accepted subject to modifications in packing and methods of distribution.

The following applications for addit to the schedules of existing C.F. agreem were submitted and approved:—

W. B. Cartwright, Ltd. (Urillac tablets *John Richardson & Co. (Leicester)*, (Bisma-Calma preparations, and Erytex

An application from a firm in Edinbu for the addition of its name to the appro C.F. wholesalers' list was refused. A re on a meeting of the Scottish C.F. commi held in Glasgow on December 17 received and adopted. A report of a mee of the propaganda committee held January 20 was approved. Eight manufacturers expressed a desire to ac the return of their £50 deposit and bec subscribing members of the C.F.A. N teen applications for maintenance of plies of C.F. products to busine temporarily converted into drug-stores the duration of the war were appro two were refused.

The Council also dealt with a sal C.F. products by an unqualified trade Southend-on-Sea; salvage of bottles in packing proprietary medicinal prep tions; an application from an unqual trader in Devonshire for permission to tribute C.F. goods by retail (not grant the supply of C.F. goods by wholesalers approved by the Council; a letter fro C.F. manufacturer suggesting the dele of a product from the schedule of his agreement (not approved); and a req from a C.F. manufacturer asking for re sideration of his recent application to a product to the schedule of his agreement (previous decision confirmed

PREVENTION OF INDUSTRIAL DERMATITIS

LAMMATION of the skin caused by tants met with in industry accounts for majority of instances of industrial dis- e occurring annually in factories. To netary cost and loss of man-hours of our, there must be added individual fering and risk of relapse on return to k. A memorandum on "Prevention of lustrial Dermatitis," by the Ministry of bour, aims at providing a better under- nding of the measures by which the dition can be prevented (*see also* p. 129).

le of Preventive Measures

he memorandum points out that the le of preventive measures—selection, tection, inspection and cleanliness—has ved successful. Selection involves the ice, so far as is reasonably possible, of right personnel for work where there a dermatitis hazard. Disadvantageous tors to be considered are a previous ack of dermatitis (the disability is liable recur); existence of skin disease of any ; marked abnormalities of the skin, h as excessive dryness or excessive ating. The procedure of testing the reac- n of the skin to an irritant is termed atch testing," but the tests have only mited value, even when made with strict ention to technique. Success of the plete cycle depends on the successful lication of specific protective measures. se include protective clothing (gloves, ons, boots), mechanical protection af- ded by satisfactory ventilation and ash guards, etc.; and one which is apt be forgotten: protection of the exposed n itself. The natural resistance of the n is reinforced by the application before k of a "barrier substance." Complex rier substances blended and designed many different types of work are avail- e. After each spell of work the barrier stance is washed off and reapplied when k is resumed. Where a process may olve absorption of poison through skin special care must be exercised.

anliness

ince injuries damage the horn cells, and reby render the skin particularly vulner- e to dermatitis, it is essential never to t first-aid treatment for all such injuries. pection of the exposed skin should be ried out by a responsible person with some knowledge and experience (e.g. a nurse or first-aid attendant) to ensure that full use is being made of protective measures and to detect the earliest signs of irritation. Intelligent inspection, followed by appropriate measures, ranging from additional protection to a change, perhaps only temporary, of work, reduces the incidence of severer cases of dermatitis requiring absence from work and carrying the risk of relapse on return. The usefulness of hot water, soap and clean towels is enhanced if the accommodation is placed in charge of a responsible person. The accommodation should be kept clean, and sufficient space provided for the numbers employed.

Criteria for Barrier Substances

An appendix urges that barrier substances should be:—

Non-irritating to the skin. Preparations with a *p*H much above or below that of the skin—about 5·5–6·5—are liable to be irritating and so are many antiseptics, dehydrating and degreasing agents.

Insoluble in such substances as oil, methylated spirit and turpentine, against which skin protection is specifically required. This criterion demands a range of formulas for barrier substances in different circumstances. A simple method of applying this criterion is to spread and allow to dry on a clean glass plate (preferably at skin temperature) a thin film of the barrier substance under consideration. Portions of the dried film can then be transferred to test tubes with the specific irritant against which skin protection is desired and examined at intervals. The severity and scope of the test can be varied as desired.

Easily applied and reasonably stable, i.e. not becoming so dry as to cause the film to crack or peel off.

Non-slippery. A barrier substance should not, however, render the skin so sticky as to interfere with necessary work.

Easily removed after work by the ordinary procedure for washing without the aid of special cleansers.

The appendix to the memorandum also lists official memoranda and cautionary notices on various aspects of dermatitis. The memoranda are obtainable from the Factory Department, 28 Broadway, London, S.W.1. The cautionary notices may be purchased from H.M. Stationery Office.

INSURANCE ACT DISPENSING

Smaller Prescription Forms.—The Ministry of Health has agreed with the Paper Controller that the writing space on National Health Insurance dispensing forms shall be shortened by ½ in., and that the pads, instead of being perforated and wire-stitched, shall be glued at the top like a memo pad, thus saving another ½ in. The new overall size of pad will be 5 in. by 3¾ in.

Liverpool.—The following statistics relate to the Insurance Committee's area during the years 1940-41-42:—

	1940 (October)	1941 (October)	1942 (October)
Insured population	347,334	327,645	333,370
Insured persons on doctors' lists	326,806	309,825	306,570
Chemists	247	232	216
Chemists' places of business ..	382	354	327
Prescriptions ..	1,863,336	1,692,196	1,395,483
Ingredient cost ..	£29,615	£32,735	£31,462
Dispensing fees ..	32,815	30,102	24,777
Total	£62,430	£62,837	£56,239

Edinburgh.—At a special meeting of the Insurance Committee on January 21 to discuss the Beveridge Report, Dr. Willie Millar, speaking on comprehensive medical services, agreed that larger benefits during illness would give a better chance of recovery from disease. If, as was the aim, a complete medical service was made available for the whole community, private practices would become a shrinking asset. It seemed desirable that private practice should continue. The running of private practice alongside National Health Insurance practice had probably been to the advantage of both. The important thing was that economic reasons should not prevent anyone from getting all medical attention. He would support any method by which they could retain freedom of choice—of doctor by patients and of patient by doctors.

EVENING MEETING.—The Pharmaceutical Society of Great Britain will hold a meeting at 17 Bloomsbury Square, London, W.C.1, on February 11 (7 p.m.), when the president (Mr. W. S. Howells) will give the Charter Centenary address.

TRADE MARKS

(*From "The Trade Marks Journal," Januar*

"KARBEX"; for fire-extinguishing mix and compounds (1). By Karbex, 35 West Bute Street, Cardiff. 62 (Associated).

"VEGERITE"; for fertilisers (1). By Fi Ltd., Harvest House, Gippeswyk Ave Ipswich. 620,939.

"CRINAFIX"; for fixative preparations for hair (2). By R. Desvaux & Co., 413 Ful Palace Road, London, S.W.6. 61 (Associated).

"STEROSTAB"; "BARBOSTAB"; "HEX STAB"; and "EVISTAB"; for pharmac cal preparations and substances (5). Boots Pure Drug Co., Ltd., Station St Nottingham. 609,553; 609,980; 609, 610,122 (all Associated).

"OPTALINE"; for pharmaceutical preparat for the eyes (5). By John Richardson & Leicester, Ltd., 62 Evington Valley R Leicester. 620,425.

"BLACK JEAN"; for medicinal preparation external use (5). By H. J. Wade & Co., I Pilgrim House, Limbrick, Blackb 620,998.

"BROBAT"; for pharmaceutical substar sanitary substances, infants' and inva foods, medical and surgical plasters, ban ing material, teeth-stopping material, de wax, disinfectants, weed and ver destroyers (5). By Esther G. Bro 75 Northcross Road, East Dulwich, Lon S.E.22.

"REWARD"; for surgical, medical, dental veterinary instruments and apparatus By Institution Supplies (Leeds), Ltd., Mark's Road, Leeds, 2. 621,150.

"COMMANDER"; for brushes, class 21. By G Kent & Sons, Ltd., 75 Farringdon R London, E.C.1. 620,314.

"COKE"; for mineral waters, etc., and beverage preparations (32). By The C Cola Co., Ltd., Oakley Works, South Road, Acton Green, London, W.4. 620,

(*From "The Trade Marks Journal," January*

"ROMAC"; for soaps, essential oils, hair loti non-medicated dentifrices, etc. (3), goods (4), surgical instruments, etc. combs, sponges, brushes, etc. (21). Romac Industries, Ltd., The Hyde, Hen London, N.W.9. 619,481–82–88–94 sociated).

"COLGATE'S"; for perfumed toilet s shaving soap, tooth-powder and pa perfumes, toilet talc powder and brush shaving-cream (3). By Colgate-Palmol Peet Co., 105 Hudson Street, Jersey C U.S.A. 619,519 (Associated).

"TALCILIN"; for dusting powders, foot, f and tooth-powders, tooth-pastes, to creams and ointments, all having a talc b (3) and for dusting, foot, skin and to powders, tooth pastes, creams and ointme having a talc base (5).

EXAMINATION RESULTS

results of the Pharmaceutical Society's inations held in England and Wales been announced. A summary of re- d candidates is given in the following :—

Subject	Entered	Absent	Referred	Failed
gy (botany and logy)	67	1	22	14
ny (botany sec- n only)	2 } 69	0 } 1	0 } 22	2 } 16
istry	45	1	4	14
cs	54	1	6	14
nacognosy ..	55	4	0	20
naceutics ..	60	4	5	14
iology	54	4	1	13
naceutical che- stry	79	5	22	20
nsic pharmacy ..	54	4	1	8

ist and Druggist Examination

e following candidates satisfied the iners in the Chemist and Druggist ifying examination :—

derson, J., Norwich
derson, J. E., Treharris
ckett, Dorothy E., Leamington Spa
othman, Jean, Burnley
swell, W. R., Ebbw Vale
vies, E. E., Pontardulais
vies, R. B., Swansea
vies, W. A., Llanelly
stein, Grace D., Manchester
ans, Alun, Treorchy
irbrother, Betty E., Ashton-under-Lyne
irbrother, C. W., Leicester
rmer, G. C., Spilsby
ossman, S., Hackney
yes, N., Oldham
gham, R. S., Waterfoot
nes, S. E., Aberpoeth
lsall, F. N., Manchester
rner, M., Manchester
lone, L. H., Sheffield
rr, R. A., Nuneaton
gmore, F. R., Doncaster
ed, D., Gorleston
othern, V. F., Coventry
arples, B. A., St. Annes
ute, Mary W., Portsmouth
eman, R. H., Aberdare
ith, Mary I., Nuneaton
per, L. G., Launceston
tcliffe, F., Heywood
omas, H. B., Plaistow
rner, H., Blackburn
ild, H., Blackpool

A summary of rejected candidates in the examinations held in Scotland in January is given below :—

Subject	Entered	Absent	Referred	Failed
Biology (botany and zoology)	17	0	3	4
Botany (botany section only)	3 } 20	0 } 0	2 } 5	0 } 4
Chemistry	15	0	2	6
Physics	14	0	2	5
Pharmacognosy ..	18	0	0	2
Pharmaceutics ..	23	0	1	5
Physiology	16	0	0	3
Pharmaceutical chemistry	23	1	3	5
Forensic pharmacy ..	16	0	0	1

The following satisfied the examiners in the Chemist and Druggist Qualifying examination :—

Bar, Samuel, Glasgow
Booth, L. W., Goole
Brennan, Edward, Sunderland
Broadbent, W. K., Sowerby Bridge
Brunton, A. M., Huddersfield
Buchanan, M. McC., Edinburgh
Daccus, Albert, Leeds
Depledge, J. T., Halifax
Drake, E. G., Bradford
Elliott, G. H., Birkenhead
Green, Leo, Sheffield
Higham, J. C. R., Preston
Hughes, Gwyndaf, Waenfawr
Mikhail, S. K., Liverpool
Nesbitt, John, Leeds
O'Hara, James, Glasgow
Priestley, Dermot, Wrexham
Rogers, V. D., Doncaster
Scott, Mary, Burley-in-Wharfedale
Tarry, Kenneth, Shildon
Watson, D. L., Glasgow
Wimhurst, T. P., Newcastle, Staffs

Pharmaceutical Chemist Examination

The following satisfied the examiners in the Pharmaceutical Chemist examination, England and Wales: Bayly, June P. St. G.; Beaman, Allan; Paul, Joshua; Rees, R. A.; Stock, F. G.; Tatford, S. J.; Yarborough, J. E.; Zamet, H. H.

The successful candidates in Scotland were: Bellamy, D. A.; Birch, Francis; Coulthard, G. W.; Duggan, Michael; Gaskell, Alan; Gooderham, Gwen; Harrison, Margaret B.; Hulton, Betty; Jackson, R. A.; Passman, D. G.; Watt, David.

EIRE DRUG TRADE DINNER

WHAT proved to be the largest drug trade dinner held in Dublin since the visit of the British Pharmaceutical Conference in 1929 was organised by the Irish Drug Association on January 12. Over seventy were present, Mr. F. X. Meagher (president) in the chair. A delegation from Lower Mount Street was headed by Mr. John Gleeson (president, Pharmaceutical Society of Ireland), and in addition the manufacturers, wholesalers, the Irish Chemists' Golfing Society, Chemists' Rugby Club, and assistants, were all well represented.

Toast of the Pharmaceutical Society

The toast of "Ireland" having been honoured, THE CHAIRMAN (Mr. F. X. Meagher) welcomed the principal guests and reported a number of apologies. He then called upon Mr. Lyall Smith (vice-president) to propose "that dull and academic body —the Pharmaceutical Society of Ireland." MR. SMITH said the Society had always given full co-operation to the Irish Drug Association and before that to the Dublin and Provincial Drug Association. They were pleased to welcome Mr. Gleeson, the Society's new president, in his capacity as *ex-officio* member of their committee. While the I.D.A. existed primarily for the protection of its members, the Pharmaceutical Society, under its Charter of 1875, was more for the protection of the public. An extract from this Charter set out that it was constituted for "the more effectually preserving the health of his Majesty's subjects throughout the Kingdom of Ireland, also it is enacted that no person shall open shop or practice the art and mystery of pharmacy within the Kingdom of Ireland until he shall have been examined as to his qualifications and knowledge of the business." The excellent manner in which the Pharmaceutical Society had carried out the first of these extracts was well known.

Rising to reply, MR. JOHN GLEESON, who received a cordial welcome, said: "I have had the great honour of having been elected president of the Society for the year 1942–43. I have been twice blessed, however, in having as my lieutenants my old friends Con Cremen and Paddy Cahill, and in having obtained the loyal support and co-operation of a most tolerant Council, not forgetting the able assistance of a most efficient Registrar." The coming together, he went on, of the two responsible bodies which guide Irish pharmacy must lead closer co-operation between them. assistance which the Council had recei from the I.D.A. by their appointment their president (Mr. Meagher) and t immediate past-president (Mr. Fr McGrath) to the Consultative Commit must leave the Society for ever in t debt. "The Pharmaceutical Society Ireland after close on seventy ye existence is very much alive and acti That the Society is still going strong is due to any Act of Parliament but to loyal support of its members. It is anomaly which we hope to have put ri that almost 50 per cent. of our licentia contribute nothing to the support or upk of the Society."

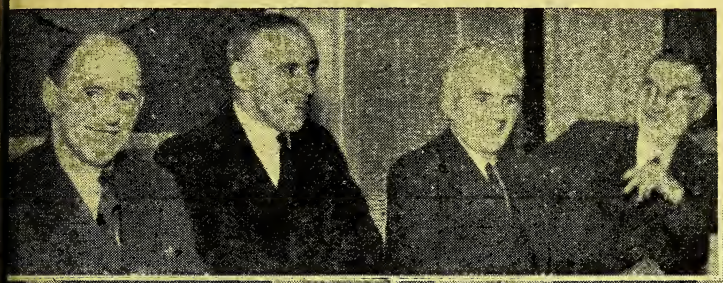
Retrospects

Proposing "The Irish Drug Associatio SIR THOMAS ROBINSON said that it perhaps appropriate that this honour to him, since he was the oldest member the Association. Out of 1,600 quali pharmacists on the Register only two w longer on it than he was. That night had met Mr. John Smith, who had worl with him fifty years ago in Dublin, and was glad to find him in such hearty go spirits, as he himself was, after the pass of all those years.

THE CHAIRMAN, calling on Mr. G. McLean Lee to reply, said he had be asked by several people why the I.D. decided to have a dinner in 1943 when th hadn't had a dinner for forty ye (laughter). He could find no reason exc that in 1943 the Association happened have a particularly convivial president. knew, however, he would eventually fi an ample reason, and that was, that t was Jock McLean Lee's coming of age honorary treasurer of the Association. Walsh had had a stroke of genius when decided twenty-one years ago that th should have a Scotsman as treasurer—a not only a Scotsman but the quintesser of a Scotsman: an Aberdonian. Havi got hold of George Angus McLean Lee treasurer they should not let him go.

When Mr. Lee rose to speak the compa greeted him with "For He's a Jolly Go Fellow." MR. LEE said he had come regard the Association with special aff tion. He had become a member of t Committee in 1915 and since then h continued a member under the vario

AT THE I.D.A. DINNER IN DUBLIN



1, (*left to right*) Messrs. John Gleeson (president, Pharmaceutical Society of Ireland); F. X. Meagher (president, I.D.A.); C. J. Cremen (vice-president, Pharmaceutical Society of Ireland); and G. A. McLean Lee (treasurer, I.D.A.). 2. The organisers Messrs. Tom Bourke, Brendan Smith and Michael Costelloe. 3. Sir T. Robinson, Messrs. D. W. P. Boyd, and John Smith. 4. Some Pharmaceutical Councillors: Messrs. W. G. Cunningham, P. Brooke-Kelly, H. P. Corrigan, M. J. Kieran and J. A. Bourke. 5. Three ex-presidents of the I.D.A.: Messrs. T. C. Scott, P. A. Brady and P. F. McGrath; also in group are Messrs. G. C. O'Neill and M. J. Parkes.

nes of the Association. With the exception of Sir Thomas Robinson he was the oldest president now alive, though he did not claim to be the oldest member. Due to the work of the Association in fixing fair prices for drugs and dispensing disputes about overcharging were now the exception rather than the rule. Now the work of the Association had widened to deal with supplies, conditions of work, and negotiations with the Government and the trade union.

Honours to the Visitors

"Our Guests" was proposed by THE CHAIRMAN who coupled with it the names of Mr. John E. Duff (assistant secretary, Department of Justice), Councillor Phil Brady, Messrs. Tom Toher (president, Drinking Union of Ireland), Jack O'Brien (secretary, Federated Employers' Association), Bill Mullen (chairman, chemists' section, Irish Union of Distributive Workers and Clerks), Michael Nicell (founder of the first Chemists' Rugby Football Club), W. G. Cunningham (secretary, Dispensary Compounders' Association), Tom Burke (an examiner in pharmacy), Rotarian Sam McCauley, W. Rowland Such, "who has become more Irish than the Irish themselves," Fred O'Hara (captain) and Phil Fahey (secretary, Irish Chemists' Golfing Society), and Lieutenant Paddy Cahill (26th Battalion of the National Army).

Messrs. JACK O'BRIEN and W. R. SUCH responded. MR. P. C. CAHILL, on behalf of the members of the Council of the Pharmaceutical Society, thanked the I.D.A. for the dinner and social function.

TRADE REPORT

Spot quotations for pharmaceutical chemicals, crude drugs and essential oils rep the prices for wholesale quantities of standard quality. C.i.f. quotations do not i marine war risk insurance and other abnormal charges payable in the present emer

28 Essex Street, W.C.2, February 3

While there is a fairly steady flow of business in the London drug and chemical markets, the quantities involved are usually quite small. Most of the orders are coming from the home trade for supplies required to meet immediate consuming demands. Prices are generally firm, and without substantial change. Only one price alteration is noted in Pharmaceutical Chemicals: a reduction in the cost of Bromides.

Crude Drugs

The quietness of these markets, which has been the prevailing feature for many weeks past, has continued during the past week and there are few changes in quoted values. An ordinary routine business is being done in small lots of first-quality Agar for bacteriological use. Cape Aloes is firmer. Two Balsams (tolu and Canada) are in short supply, and it is doubtful whether further stocks of the latter could easily be located. A few small inquiries are being received for Benzoin. Natural grades of Camphor are in poor demand. The slightly higher spot price mentioned recently for Zanzibar Cloves is maintained. Kordofan Gum acacia is steady at the lower level noted last week. Ipecacuanha is rather firmer on spot, but price changes are not important. East India Liquorice root remains in good supply. As noted last week, controlled prices of Peppers have been amended; the new schedules are given. Pimento has been dull. Pyrethrum is the subject of a new Order extending control to cover stocks held by persons other than manufacturers. Supplies of some varieties of Seeds are rather better but prices, though somewhat irregular, are about unchanged. Senega seems to have disappeared from the market. Tragacanth is very firm, with some medium grades at slightly higher prices. Carnauba wax is firm but unchanged on the week.

Essential Oils

Business in these commodities has again been extremely quiet and few price changes have occurred. The Flavouring Essences (Current Prices) Order, 1943 (see p. 129), which came into force on February 1, does not appear to affect the position of essential oils, although admixtures of essenti in the form of culinary essences w course, have their prices fixed at the ruling on December 1, 1942. A fairly range of artificial substitutes for essential oils now in short supply ma be had from British makers at prices us considerably lower than those ruling f natural oils. Substitutes are availabl example, for such items as bergamot, c geranium, lavender, lemon, rose otto Several price advances have occurred a the Synthetics and Isolates, among amyl cinnamic aldehyde, bromstyrol, namic aldehyde and geranyl ace Increasing difficulty is being experienc the manufacture of these substances be certain raw materials are required for essential purposes, and by reason o prevailing shortage of the natural which may enter into the manufactu the artificial products. The list of synth and isolates available for ordinary pur tends, therefore, to become shorter, no improvement in this respect ca anticipated in the near future. Ministry of Food announces that the change in the existing prices of Oils Fats allocated to primary wholesalers large trade users during the four w ending February 27 are increases in ca and rapeseed oils.

Exchange Rates on London

During the month of January the Ban England fixed rates have undergone no cha The principal rates are: New York, dollars; Montreal, 4.45 dollars; Buenos A 17.02 paper pesos; Dutch West Indies, florins; Lisbon, 100 escudos; Stockh 16.90 kroner. The Chinese National d remains at $3\frac{1}{32}$ and the Madrid free rat 40.50 pesetas.

Pharmaceutical Chemicals

Amphetamine.—Makers' price remains approximately 160s. per lb.

Aspirin.—Current prices per lb., for one- lots, are as follows (containers in bracke 3s. $1\frac{1}{2}$d. (28-lb.); 3s. 2d. (14-lb.); 3s. 2 (7-lb.); 3s. $2\frac{3}{4}$d. (4-lb.); 3s. $4\frac{1}{2}$d. (1-l Tablets.—Makers' prices are steady, as follo Under 5,000, 3s. 5d.; 5,000, 3s. 3d.; 10,0 3s. 2d.; 25,000, 3s.; 50,000, 2s. 11d.; 100,0 2s. 10d.; 250,000, 2s. $9\frac{1}{2}$d.; 500,000, 2s. 9 1,000,000, 2s. 8d.; 2,000,000, 2s. 7d. per 1,0

Bismuth salts.—Makers' prices per lb. for wt. quantities are: Carbonate, 8s. 9d.; citrate, 8s. 9d.; nitrate (crystals), 5s. 9d.; oxide, 2s. 3d.; salicylate, 9s. 3d.; subchloride, 12s.; ubgallate, 11s. 3d.; subnitrate, 7s. 7d.

Borax.—Makers' prices per ton are as llows: B.P., granulated, £39 10s.; crystal, o 10s.; powder, £41. Packed in one-cwt. ags, delivered carriage paid in Great Britain, one-ton lots and upwards.

Gallic acid.—Moderate supplies may be nd at from 7s. 9d. to 8s. per lb.

Glycerin.—Small lots are priced as follows: 5-lb. tin, 99s.; 14-lb. tin, 105s. per cwt.; bject to 2½ per cent. discount, twenty-eight ays.

Hexamine.—Free-running crystals, in cwt. ts, from about 2s. 3d. per lb.

Iodine preparations.—Makers' prices per . are as follows: Potassium, B.P., 112 lb., .; 28 lb., 9s. 6d.; 14 lb., 10s.; 7 lb., 11s. 6d.; lb., 12s.; smaller quantities, 12s. 6d. Sodium, .P., 28 lb., 9s. 11d.; 14 lb., 10s. 5d.; 7 lb., s. 2d.; 4 lb., 12s. 10d.; smaller quantities, s. 8d. Iodoform, B.P. (powder), 28 lb., s. 6d.; 14 lb., 13s.; 7 lb., 15s. 2d.; 4 lb., 16s.; aller quantities, 16s. 10d.; (cryst.) 28 lb., s. 6d.; 14 lb., 15s.; 7 lb., 17s. 2d.; 4 lb., 18s.; aller quantities, 18s. 10d. Iodine resubmed, B.P., 112 lb., 10s. 4d.; 28 lb., 10s. 10d.; lb., 11s. 4d.; 7 lb., 13s. 1d.; 4 lb., 13s. 9d.; aller quantities, 14s. 6d. All prices net. Any antity delivered carriage paid throughout reat Britain.

Mercury iodides.—Makers' prices per lb. e unchanged: Red, less than 7 lb., 20s. 8d.; t less than 7 lb., 20s. 2d.; not less than lb., 19s. 8d. Green, less than 7 lb., 28s. 8d.; t less than 7 lb., 26s. 2d.; not less than lb., 25s. 8d. Yellow, less than 7 lb., 28s. 1d.; t less than 7 lb., 27s. 7d.; not less than lb., 27s. 1d. net, carriage paid.

Methyl salicylate.—Makers' current prices e as follows: Five cwt., 1s. 11d. per lb.; e cwt., 1s. 11½d.; smaller quantities, in ttles, 2s. 1½d. per lb.

Phenolphthalein.—Makers' prices are unanged: Less than 7 lb., 4s. 6d. per lb.; 7 lb., . 5d.; 14 lb., 4s. 4d.; 28 lb., 4s. 3d.; 1 cwt., . 2d. Prices net.

Salicylic acid, B.P.—Current prices per lb., 28 lb.–1 cwt. quantities, are as follows ontainers in brackets): 2s. 5½d. (1-lb.); . 3¾d. (4-lb.); 2s. 3¼d. (7-lb.); 2s. 3d. (14-lb.); . 2½d. (28-lb.).

Santonin.—Home-trade prices are unanged: 15 kilos and over, £46 10s.; not less an 10 kilos, £47 5s.; not less than 5 kilos, 8 5s.; less than 5 kilos, £50 per kilo, delivered ee in the U.K.; 1-kilo packages free.

Tannic acid.—In restricted supply at about . to 8s. 3d. per lb., according to quantity.

Vanillin.—Without change at 22s. 6d. per . for 5 cwt., ex clove oil or guaiacol; one t., 22s. 9d.; 56 lb., 23s.; less than 56 lb., s. 3d.

Crude Drugs

Agar.—Business appears to comprise the filling of small routine orders for Kobe No. 1 material for bacteriological use. A price of 72s. 6d. per lb. has been mentioned.

Aloes.—Cape is firmer and in good request; spot, 67s. 6d. per cwt.; Curaçao, 450s. per cwt., c.i.f.

Antimony.—Sufficient supplies are coming forward for essential purposes. Prices are unchanged. English minimum 99 per cent. regulus, £120 per ton, delivered; 70 per cent. crude for the home trade, £100, delivered.

Balsams.—*Tolu* remains in short supply at 10s. per lb.; *Canada*, also restricted, would fetch 9s. per lb. if available; *Peru* is unchanged at 8s. 6d. per lb.; *Copaiba*, B.P., is unobtainable.

Benzoin.—A few orders have been received; prices are without change. Sumatra almondy block, from £18 to £25 per cwt., spot; good seconds £17 to £19, according to holder and quality. Sumatra free "almonds," £32 to £35.

Bismuth metal.—High-grade metal continues to be quoted at 6s. 3d. per lb. for minimum 5-cwt. lots.

Buchu.—Small supplies of fair green rounds on spot may be had at 6s. 6d. per lb.

Camphor.—Business in the natural grades is unimportant; prices are as follows: Chinese, B.P., spot, 11s. 6d. per lb.; crude (92 per cent.), 10s.; Japanese slabs, 12s. English synthetic, B.P., to approved buyers, 8s. per lb.

Cardamoms.—Extremely quiet conditions prevail. Aleppy seed, shipment, 6s. 6d. per lb., c.i.f.; spot, 6s.; Aleppy greens, shipment, 5s. 3d., c.i.f.; spot, 5s. 6d.; split seed, spot, 5s. per lb.

Chillies.—The spot price of both Zanzibar and Mombasa is 125s. per cwt.; Sierra Leone is at 120s., all sellers; Sudan is unquoted.

Cloves.—Price of Zanzibar on spot is maintained at 1s. 6¾d. per lb., sellers; to arrive, 1s. per lb., c.i.f.

Cocoa butter.—The maximum price fixed by the Ministry of Food is 1s. 5½d. per lb., ex factory or warehouse, except when sold under licence.

Derris.—Applications for licences under the Control of Derris (No. 1) Order, 1942, and correspondence concerning the Order should in future be sent to the Ministry of Supply (R.M.D.), 6 Carlton House Terrace, London, S.W.1.

Digitalis leaves.—Good-testing Portuguese leaves are offered on spot at 135s. per cwt. English-grown leaves, steady at 2s. 4d. per lb.

Dragon's blood.—No change has occurred in the position of this commodity. Dull Zanzibar drop, spot, £21 per cwt.; seedy lump, £30. There are no supplies of re-boiled.

Ergot.—In very small demand. Portuguese new-crop is offered on spot at 5s. 9d. per lb.; sound old-crop, 5s. 3d. to 5s. 6d., and wormy at 4s. 6d. to 4s. 9d.; shipment, 5s. per lb., c.i.f.

GUM ACACIA.—Kordofan cleaned sorts steady on spot at lower figure of 95s. per cwt. recorded last week; shipment, unchanged at 65s., c.i.f. Some bleached gum continues to be offered to consuming manufacturers at 145s. per cwt., ex warehouse London.

HENBANE.—Spot, just under B.P., 3s. to 3s. 3d. per lb. afloat; Indian, f.a.q., 275s. per cwt., c.i.f.

IPECACUANHA.—Rather firmer, but without important price changes. Matto Grosso, spot, 19s. to 20s. per lb., according to seller and test; offers are reported from Matto Grosso, sellers holding licences, but only to sell to approved buyers; the price mentioned is 17s. 6d. per lb., c.i.f., usual war risk extra. Minas, B.P., spot business done at 15s. 6d., with probably little now available at under 16s.; under B.P., 13s. 6d. to 15s., according to test. Higher rates were noted last week for EXT. IPECAC. LIQ., as follows: B.P., 1932, under three, 28s. 6d. per lb.; three and under six, 28s.; six and under twelve, 27s. 6d.; twelve and over, 26s. B.P., 1914, under three, 26s. 6d.; three and under six, 26s.; six and under twelve, 25s. 6d.; twelve and over, 25s. per lb., all prices net.

JABORANDI.—Spot supplies may be had at 60s. per cwt., but the demand is of small account.

JALAP.—Prices unchanged; business moderate. Brazilian root, 15 per cent. resin, continues to be offered at 95s. per cwt.; other grades are as follows: 16 per cent, 105s.; Mexican root is not available.

KAMALA.—Dealers can offer 6 per cent. on spot at from 2s. to 2s. 3d. per lb., according to holder.

LIQUORICE ROOT.—East Indian, in good supply, is offered on spot at 75s. per cwt.

MENTHOL.—A steady business is being done at last-mentioned prices. Chinese, spot, 75s. to 79s. per lb., duty paid; Japanese, 76s. to 80s. per lb.

MERCURY.—Current official prices range from £68 10s. to £69 15s. per bottle for quantities of over 7 lb.

MYRRH.—In fair demand. Aden sorts, spot, £18 to £20 per cwt.

NUX VOMICA.—A few orders are being filled, but no large quantities are involved. Cochin, washed and garbled, is steady on spot at 42s. 6d. to 45s. per cwt., according to seller.

PAPAIN.—Nominal at 17s. 6d. per lb. spot.

PEPPERS.—As noted last week (p. 126), the Minister of Food has made an Order amending the maximum prices of pepper. Conditions of sale are unchanged, except that all maximum prices are duty-paid, customs duty, if any, being borne by the seller. The present permitted additions to maximum prices for pepper sold in 28-lb. and 7-lb. non-returnable tins have been extended to include an addition of 1s. 9d. for a sale of pepper in non-returnable 14-lb. tins. The amending Order came into force on February 1. New maximum prices per lb., inclusive of Customs duty, for pepper (other than ground, pre-packed in specified containe are as follows:—

Description	On any sale to a processor or wholesaler	On any sale to a retailer or on a sale of 28 lb. or more to a manufacturer	On any sa by retail on a sale less tha 28 lb. to manufacture
	s. d.	s. d.	s. d.
Whole white, not picked over or cleaned	1 4	—	—
Whole black, not picked over or cleaned	1 0	—	—
Whole white, picked over or cleaned ..	1 8	2 0	2 8
Whole black, picked over or cleaned ..	1 2	1 5½	2 0
Ground white ..	2 0	2 4	3 4
Ground black ..	1 3	1 7	2 8

On a sale of any pepper which is neith whole nor ground the maximum price shall l the price which would be applicable in accor ance with the above scale if the pepper we whole pepper. Maximum prices per doz inclusive of customs duty, of ground pepp pre-packed in specified containers, are follows:—

In a specified container containing	On a sale to a wholesaler	On a sale to a retailer	On a sal by retai (per container
	s. d.	s. d.	s. d.
Ground white Not less than 1 oz., but less than 4 oz.	2 10	3 1	4½
Not less than 4 oz., but less than 5 oz.	8 0	8 8	1 0
Ground black Not less than 1 oz., but less than 4 oz.	2 1	2 4	3½
Not less than 4 oz., but less than 5 oz.	5 7	6 3	8½

On a sale of ground pepper pre-packed in specified container for which no maximum pric is for the time being prescribed, the maximu price shall be the price which would be applicab if the pepper were not so pre-packed.

PIMENTO.—Spot sellers offer at 2s. 3d. pe lb.; shipment prices are not mentioned.

PYRETHRUM.—The Ministry of Supply ha made the Control of Pyrethrum (No. 2) Orde 1943, extending control to cover stocks held b persons other than manufacturers. Application for licences to deal in such stocks, or applicatio for licences under the previous Order, shoul be made to the Ministry of Supply (R.M.D. 6 Carlton House Terrace, London, S.W. Copies of the Order (S. R. & O., No. 126), pric one penny, can be obtained from H.M Stationery Office. The Order came into forc on February 1.

RHUBARB.—Fair business passing at un changed prices. Good-quality rough-round, spo from 7s. 6d. to 8s. per lb., according to qualit and holder.

SEEDS.—Supplies of some varieties are better, t prices are about unchanged. CORIANDER. Indian, 100s. per cwt., but some offers are isiderably below this figure; English, 200s., h lower offers in some quarters. CUMIN.—ltese, spot, 145s.; Indian, 130s. DILL.—ot quoted at 190s. FENNEL.—Indian, 110s. NUGREEK.—105s. MUSTARD.—Controlled (see & D., November 28, 1942, p. 564).

SENEGA.—Spot supplies of this item appear be exhausted.

SENNA.—In good supply at unchanged prices. od hand-picked Tinnevelly pods, 11d. to 2d. per lb.; ordinary grade, 10d. to 11d.; .q., 6d. to 7½d. Hand-picked Alexandrian ds, 3s. 6d. to 6s., according to quality. Prices leaves are as follows: Tinnevelly No. 1, . to 10d.; No. 2, 7d. to 7½d.; No. 3, 5½d. 6d. Alexandrian broken, 1s. 3d. to 1s. 4d.

SHELLAC.—Conditions have remained quiet several weeks and no changes have occurred quotations. Spot, standard TN orange, 5s. per cwt., value; pure button, unquoted; e orange, 240s. to 290s. quoted. For par-ulars of the formation of Shellac Distributing ency, Ltd., see p. 133.

STROPHANTHUS SEED.—Genuine Kombé, 100 r cent., may be had on spot at 10s. 9d. 11s. per lb.

TRAGACANTH.—Markets very firm. Some dium grades are at slightly higher prices: . 1, white, £127 per cwt.; No. 2, white, £114; . 3, white, £100; No. 4, white, £80; pale f, £72; amber leaf, £64; dark amber, £55; own leaf, £45; red-and-brown leaf, £40; red f, from £33; woody and hoggy, from £17, store.

TURMERIC.—Sound Madras finger may be d on spot at 62s. 6d. per cwt., and wormy at lf-a-crown less.

WAXES.—CARNAUBA.—Firm but unchanged the week. Fatty grey, 450s. per cwt.; chalky y, 450s.; Primeira, 520s. BEES'.—Supplied y through members of the Association of rchant Distributors of Beeswax.

Essential and Expressed Oils

ANISE (STAR).—Inquiry continues. Drums, in rt supply on spot, 54s. to 55s. per lb. Isolated ers may be had at lower prices.

BAY.—Small supplies may be had on spot at ound 12s. 6d. per lb.

BERGAMOT.—About 100s. per lb. would resent the basic price of any small remaining pplies, but business would have to be negoti-ed. Artificial substitutes can be had from itish makers at considerably lower prices.

BOIS DE ROSE.—Approximately 42s. per lb. uld represent the present spot price.

CAJUPUT.—Position is firmer, with only small pplies available between 17s. and 18s. per lb.

CASTOR.—Controlled price of "firsts" has en increased by £12 per ton to £72 per ton; econds" has advanced by the same amount £70 per ton; both naked ex works.

CITRONELLA.—Continues in good request Ceylon, spot, scarce at about 19s. 6d. per lb.

CLOVE.—English distillers' prices are un-changed at around 14s. per lb., with large quantities at lower figures.

COCONUT.—Prices are controlled, as follows: Crude, £36 12s. 6d.; refined deodorised, £40; refined hardened deodorised, £44, per ton, naked ex works.

COTTONSEED.—Controlled price is unchanged at £49 per ton, naked ex works, for refined deodorised.

EUCALYPTUS.—Supplies are restricted, but the spot price of 70 to 75 per cent. is unchanged at from 5s. 9d. to 6s. per lb. Tendency is easier.

GERANIUM.—Basic price of any available supplies would be about 80s. per lb., but busi-ness would have to be negotiated. British makers can supply artificial substitutes at less.

GINGERGRASS.—May be had in small compass on spot at approximately 25s. per lb.

GROUNDNUT.—Official prices remain at be-tween £48 and £54 per ton, naked ex works, according to grade.

LINSEED.—Fixed price for crude remains at £46 10s. per ton, naked ex works.

PALMAROSA.—Small quantities may be bought on spot at from 32s. 6d. to 35s. per lb.

PEPPERMINT.—In good request, but with supplies short. Chinese and Japanese, spot, 92s. 6d. to 95s. per lb.

PETITGRAIN.—Spot supplies, if available, would be at about 25s. per lb.

RAPESEED.—Crude has been advanced by the Ministry of Food by £5 15s. per ton to £54 per ton, naked ex works.

ROSEMARY.—Spot price remains at approxi-mately 16s. per lb.

SASSAFRAS.—May be had on spot at about 19s. per lb.

THYME.—High-quality oil is unchanged on spot at 25s. per lb.; other grades are at rather lower prices.

Synthetics and Isolates.—No improvement can be noted in the supply position. In some instances products are not available for non-essential purposes. AMYL ACETATE.—Pure, about 130s. per cwt.; technical, 109s. per cwt.; small quantities, up to 2s. per lb. AMYL CIN-NAMIC ALDEHYDE.—About 27s. 6d. per lb. AMYL SALICYLATE.—About 5s. per lb. AUBE-PINE.—About 35s. per lb. BROMSTYROL.—100 per cent., 30s. per lb. CINNAMIC ALDE-HYDE.—Quoted at about 9s. per lb. CITRAL.—Chemically pure, 70s. per lb. CITRONELLAL.—No quotations. CITRONELLOL.—No quotations. COUMARIN.—17s. 6d. per lb. ETHYL PHTHALATE.—No quotations. EUCALYPTOL.—About 13s. per lb. EUGENOL.—About 23s. 6d. per lb. GERANIOL.—Ex palmarosa, about 60s. per lb. GERANYL ACETATE.—About 70s. per lb. ION-ONE.—100 per cent., about 80s. lb. ISO-EUGENOL.—About 26s. per lb.

CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real nam and address to the Editor

Stocks of Petroleum Oils

SIR, — The National Pharmaceutical Union has now been informed by the Board of Trade that it is prepared to consider the position of those chemists who, owing to the operation of the Toilet Preparations Order, 1942, No. 2605, find they have considerable stocks of petroleum oils "frozen" because their principal use was in the making of "toilet hair dressings." In order to estimate the size of the problem, the Board of Trade has asked the N.P.U. to collect information as to the quantities of these oils in the possession of chemists. Will any chemist holding a stock of petroleum oils of not less than twenty gallons which he feels he will be unable to use within a reasonable time for the manufacture of toilet preparations other than the prohibited toilet hair dressings, please write at once to The Secretary, N.P.U., 4 Queen Square, London, W.C.1, stating the amount of oil in stock and the price paid. Please give the invoice description of the oil and the source of supply. No form is needed; the information may be conveyed in a letter and will be confidential so far as the individual is concerned. When the N.P.U. is in possession of these particulars the discussions with the Board of Trade can be reopened and a solution to the problem found. Liquid paraffin B.P. and light liquid paraffin B.P.C. are, of course, usable only for medicinal purposes, and no return in respect of stock of these products is required.—Yours faithfully,

G. A. MALLINSON,
London, W.C.1. Secretary, N.P.U.

Hospital Pharmacists' Salaries

SIR,—Following upon the publication in THE CHEMIST AND DRUGGIST, January 30 (p. 119), of the British Hospitals' Association's scale of recommended salaries for hospital pharmacists, may I add to what you have already dealt with. Briefly, some considerable time ago, after exchanging correspondence, the Voluntary Hospitals' Committee for London produced and issued a scale of recommended salaries for pharmacists. The Council of the Guild could not accept the recommendations and in due course a subcommittee of the Voluntary Hospitals' Committee for London received a deputation of the Guild, at which views were exchanged upon the subject. Durin this time and since, correspondence has bee exchanged with the British Hospital Association, which in due course appointe a Committee to deal with the subject; th Committee received a deputation compose of members of the Council of the Guild c Public Pharmacists. In due course th British Hospitals' Association submitte their recommendations to the Council c the Guild and shortly afterwards circulate same to their members. May I take th opportunity of saying how much th Council of the Guild appreciate the atmc sphere in which these negotiations wer conducted, but at the same time I mus point out that the recommendations of th British Hospitals' Association have nc been found acceptable and correspondence being exchanged on the subject, with specia reference to Section (*d*).—Yours truly,

JOHN H. WOOD,
Secretary, Guild of Public
London, S.W.13. Pharmacists.

Insurance Dispensing Fees

SIR,—It is perhaps too soon to plead fc a further increase in the standard rate c Insurance dispensing fees, in spite of th niggardliness of present payments. On feels, however, that a justifiable case ca be made for a gradation of such fees base on the number of doses prescribed. Owin to the shortage of doctors, more and mor of them have quite given up the recognise rule of prescribing sixteen doses, and th practice in this town, and no doubt through out the country, is for the patient to b given scripts for 8 oz. dessertspoonful an even teaspoonful mixtures, while 16 oz tablespoons are getting more and mor frequent. Thus chemists are being robbe of approximately half their total fees at time when increasing overheads would wel justify an increase. One can hardly blam the doctors for reducing the attendance o their patients in this way, but surely w have a moral right to a double fee fo double the number of doses. If such claim could be approved now it woul create a precedent prior to the big increas of State dispensing by chemists already foreshadowed in the Beveridge report.

Yours faithfully,
Weston-super-Mare. DONALD H. MOORE

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Seasonable . . . . . .

Reliable . . . . . .

Profitable . .

Bronchial Emulsion	4 oz.	6/-	per doz.
,, ,,	8 ,,	9/-	,, ,,
Children's Cough Mixture	4 ,,	6/9	,, ,,
,, ,, ,,	6 ,,	7/9	,, ,,
Chest and Lung Balsam	$2\frac{1}{2}$,,	7/3	,, ,,
Lung Tonic Same Formula	5 ,,	10/3	,, ,,
Vapour Rub (Screw capped Jars)		4/-	,, ,,
Wintergreen Cream		4/-	,, ,,

Plus Purchase Tax at rate of $16\frac{2}{3}$%

By selling these well-known 'Red Diamond' Preparations you are assured of repeat business, good profits and goodwill

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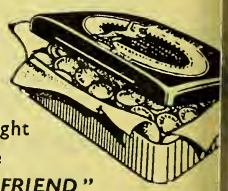

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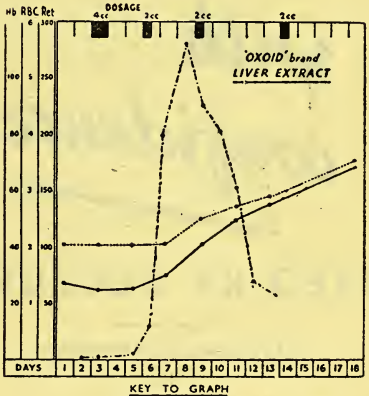

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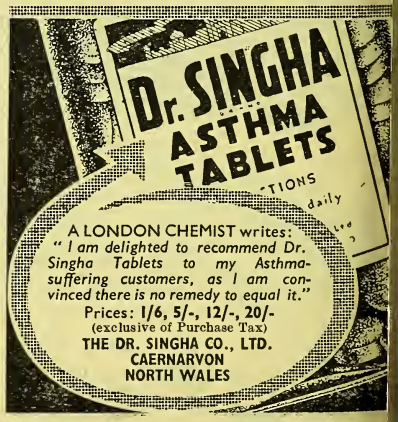

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DISPENSER (part-time), unqualified requ 2–6 p.m. daily, Monday to Friday. A stating age, salary required, and full particula the Secretary, London Homœpathic Hospital, G Ormond Street, London, W.C.1.

DISPENSER. Qualified man or woman requ Apply personally, Staff Controller, Whitel Bayswater.

DISPENSER, Experienced, part-time or full t Hammersmith and Chiswick areas. Apply c/o 424/565, London Office of this Paper.

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ATORY Assistant required; exempt. ments, Tablets and General Work. Black-res & Co., 54 Moor Street, Birmingham.

exempt national service, Hall qualification erred or other good experience, to take Packing Room of Midland Manfg. Chemists. e, experience, salary required, when at pply 424/588, London Office of this Paper.

LADY Pharmacist required by Manufacturing Chemists on essential work. Considerable experience not necessary. Must be conscientious. Able assume responsibility after instruction. Progressive post. Required reside for duration South Midlands, 1½ hours from London. Give full details. Box 777, c/o C. Mitchell & Co., 1 Snow Hill, London, E.C.1.

REQUIRED, by old-established house, man with some knowledge of Essential Oils, also packing of same. Must be ineligible for military service. Apply CDB/116, London Office of this Paper.

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